

Jae-Woo Kim

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EDUCATION

2004 – Present	Expected PhD (August, 2010)	Sociology	University of California, Riverside
2003	M.A.	Sociology	Seoul National University
2001	B.A.	Chemistry	Seoul National University

EMPLOYMENT

2005 – Present	Teaching Assistant, Dept. of Sociology, University of California, Riverside.
2005	Reader, Dept. of Sociology, University of California, Riverside.
2002	Research Assistant, Korean Labor and Society Institute.
2001	Teaching Assistant, Dept. of Sociology, Seoul National University.

RESEARCH

Research Topics

Solidarity; Economic Sociology of Markets; Ecology of Organizational Fields; Social Network Analysis; Computer Simulation; Rationality and Identity in Group Processes; Evolutionary Game Theoretical Models; Genetic Algorithms and Learning Classifier Systems; Global Political Economy from the World-systems Perspective; Labor and Social Movements

Dissertation Title

An Agent-based Model of Parochial Cooperation: The Co-evolution of Identity, Solidarity, and Network.

Publications

Kim, Young-Doo, Jae-Woo Kim, and Su-Bum In. 2002. *Economic Democracy and Labor Movements*. Korean Labor and Society Institute and Friedrich Ebert Stiftung. Seoul: Korean Labor and Society Institute Press. [Korean] ISBN 89-950714-4-3

Conference Papers

Kim, Jae-Woo. 2008. "How Social Structure and Institutional Order Co-evolve Beyond Instrumental Rationality." *Proceedings of 2008 Genetic and Evolutionary Computation Conference (GECCO)*, New York: ACM Press. Pp.1803-1806.

Manuscripts under Review

- Kim, Jae-Woo. 2009. "Persistent Heterogeneous Identities and Evolutionary Stable Parochial Cooperation." Submitted to *The 104th Annual Meeting of the American Sociological Association*, August 8-11, 2009. San Francisco, CA.
- Kim, Jae-Woo. 2008. "A Tag-based Evolutionary Prisoner's Dilemma Game on Networks with Different Topologies." Submitted to *Journal of Artificial Societies and Social Simulation* on November, 2008

Manuscripts in Progress

- Kim, Jae-Woo and Robert A. Hanneman. 2009. "Co-evolutionary Dynamics of Tag-based Parochial Cooperation and Networks." (To be submitted to *Journal of Mathematical Sociology* on February 2009)
- Kim, Jae-Woo and Robert A. Hanneman. 2008. "A Computational Model of Workers Protest." (To be submitted to *Journal of Artificial Societies and Social Simulation* no later than March 2009)
- Kim, Jae-Woo. 2006. "The Analysis of Korean Sociological Academic Community Structure and Its Change" (To be submitted to *International Sociology* no later than February 2009)

Presentations

- Kim, Jae-Woo. "A Tag-mediated N-person Prisoner's Dilemma Game on Networks with Different Topologies," *The 2009 Agent-directed Simulation Symposium*, March 22-27, 2009, San Diego, CA.
- Kim, Jae-Woo and Robert A. Hanneman, "Co-evolutionary Dynamics of Opinions and Networks: Bringing Tolerance Back In," *The XXIX International Sunbelt Social Network Conference*, March 10-15, 2009, San Diego, CA.
- Kim, Jae-Woo. "An Agent-based Model of the Tag-driven Co-evolution of Shared Beliefs, Regularities of Behavior, and Network Structure," *The 3rd Complexity Conference*, Complexity Research and Education Network, Samsung Economic Research Institute, November 29, 2008, Seoul, South Korea.
- Kim, Jae-Woo and Peter J. Burke, "An Agent-based Model of the Co-evolution of Institutional Order and Social Structure," *The 20th Group Processes Conference*, July 31, 2008, Boston, MA.
- Kim, Jae-Woo. "How Social Structure and Institutional Order Co-evolve Beyond Instrumental Rationality." *The Graduate Student Workshop, Genetic and Evolutionary Computation Conference*, July 12, 2008, Atlanta, GA.
- Kim, Jae-Woo. "A Computational Model of Workers Protest: Why Interracial Solidarity Rarely Happens?" *The 4th Annual Research Conference*, UC Riverside Graduate Students Association, June 7, 2008, Riverside, CA.

Invited Talks

- Kim, Jae-Woo and Robert A. Hanneman, "Joint Models of Selection and Influence," *UC Irvine Social Network Research Group*, May 22, 2008, Irvine, CA.

TEACHING

Teaching Areas

Social Research Methods, Introductory/ Intermediate Statistics, Introductory/ Intermediate Economic Sociology, Introductory/ Intermediate Social Network Analysis, Institutions and Organizations, Political Economy and Global Social Change, Theory Construction and Testing with Computer Simulation.

Courses Taught

- Soc 004 Methods of Social Inquiry. Undergraduate. (Fall 2006; Fall 2007) [TA]
Soc 005 Statistical Analysis. Undergraduate. (Winter, 2005; Spring, 2006; Winter, 2006; Spring, 2007; Summer, 2007; Winter, 2008) [TA]
Soc 110 Multivariate Analysis. Undergraduate. (Spring, 2008) [TA]
Soc 150 Economic Organizations. Undergraduate. (Summer, 2008; Fall, 2008) [TA]
Soc 151 Formal Organizations. Undergraduate. (Winter, 2009) [TA]
Soc 135 Social Conflicts. Undergraduate. (Spring, 2005) [Reader]
Soc 157 Social Networks. Undergraduate. (Fall, 2005) [Reader]

FELLOWSHIPS/ GRANTS/ AWARDS

- 2009 Fellowship for PhD Students in North America, Utrecht University, the Netherlands
2008 – 2009 Travel Grants, University of California, Riverside
2008 Travel Grant, Genetic and Evolutionary Computation Conference
2005 – 2006 Dean's Fellowship, University of California, Riverside

KEY SKILLS

SPSS (Fluent); Ucinet (Fluent); NetLogo (Fluent)
Pajek (Good); Stella (Good); Stata (Good); SAS (Good)
Python (Beginner); Java (Beginner)

PROFESSIONAL MEMBERSHIP

American Sociological Association
International Network for Social Network Analysis
Special Interest Group for Genetic and Evolutionary Computation

PROFESSIONAL SERVICE

Ad hoc Reviewer of *Journal of Information Technology* (2009).

REFERENCES

Robert A. Hanneman. (Dissertation Chair, Daily Advisor).

Dept. of Sociology, University of California, Riverside, CA. 92507.

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Christopher Chase-Dunn. (Dissertation Committee).

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Peter J. Burke. (Dissertation Committee).

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