

Jae-Woo Kim

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EDUCATION

2004 – Present	Expected PhD (August, 2009)	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 Interaction Ritual Chains: The Co-evolution of Identity, Solidarity, and Network.

Publications

Young-Doo Kim, 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

Jae-Woo Kim. 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.

Working Manuscripts

Jae-Woo Kim. 2008. "Tag-mediated N-person Prisoner's Dilemma Game on Endogenous Networks." (To be submitted to *Physical Review* no later than January 2009)

- Jae-Woo Kim 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 November 2008)
- Jae-Woo Kim and Robert A. Hanneman. 2008. "The Dynamics of Opinion Formation on Fixed Networks." (To be submitted to *Journal of Artificial Societies and Social Simulation* no later than January 2009)
- Jae-Woo Kim. 2006. "The Analysis of Korean Sociological Academic Community Structure and Its Change" (To be submitted to *International Sociology* or *Journal of Social Structure* no later than December 2008)

Presentations

- Jae-Woo Kim, "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.
- Jae-Woo Kim 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.
- Jae-Woo Kim, "How Social Structure and Institutional Order Co-evolve Beyond Instrumental Rationality." *The Graduate Student Workshop, Genetic and Evolutionary Computation Conference*, July 12, 2008, Atlanta, Georgia
- Jae-Woo Kim, "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, California.

Invited Talks

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

TEACHING

Teaching Areas

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

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 135 Social Conflicts. Undergraduate. (Spring, 2005) [Reader]
- Soc 157 Social Networks. Undergraduate. (Fall, 2005) [Reader]

FELLOWSHIPS/ GRANTS/ AWARDS

2008 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

REFERENCES

Robert A. Hanneman. (Dissertation Chair, Daily Advisor)
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Dept. of Sociology, University of California, Riverside, CA. 92507.
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