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EDUCATION

1998. 9 – 2003. 8 University of Massachusetts, Amherst.
PhD in Economics
1995. 3 – 1998. 8 Seoul National University, Seoul, Korea.
PhD coursework completion in Economics
1993. 3 – 1995. 2 Seoul National University, Seoul, Korea.
M.A. in Economics
1986. 3 – 1990. 8 Seoul National University, Seoul, Korea.
B. A. in Economics

CAREER

2016. 4 – present, Professor, School of Economics and Trade, Kyungpook National University
2011. 4 – 2016. 3 Associate Professor, School of Economics and Trade, Kyungpook National University
2005. 1 – 2011. 3 Assistant Professor, School of Economics and Trade, Kyungpook National University
2003. 9 – 2005. 1 Santa Fe Institute, Postdoctoral Fellow

RESEARCH FIELDS

Microeconomics , Game Theory, Institutional Economics, Evolutionary Economics, Computational Economics.

DISSERTATION

Title: Three Essays on the Evolution of Cooperation
Committee: Samuel Bowles (chair), Herbert Gintis, Alan Swedlund.

PUBLICATIONS and RESEARCH PAPERS

“Combination with anti-tit-for-tat remedies problem of tit-for-tat” (with Su Do Yi and Seung Ki Baek), *Journal of Theoretical Biology* 412, 2017, pp. 1-7

“Disappearance of Accountability and Sympathy in Economics, and the Possibility of Their Restoration”, *Korean Journal of Cognitive Science*, 26 (1), 2015, pp. 69-96 (written in Korean)

“Economist’ free-riding: Self-regarding preference vs. belief” (with Seol An Park), *Review of Social Economic Studies* 44, 2014: pp. 44-69. (written in Korean)

“Antisocial punishment, and the coevolution of cooperation and normal punishment” (with T. K. Ahn), *Review of Social and Economic Studies* 41, 2013: pp. 69-96 (written in Korean).

“Coevolution of farming and private property during the early Holocene” (with Samuel Bowles), *Proceedings of National Academy of Sciences in the United States of America*, 110 (22), 2013: pp. 8830-8835.

“Strategic reward and altruistic punishment support cooperation in a public goods game experiment” (with T. K. Ahn), *Journal of Economic Psychology* 35, 2013: pp. 17-30.

“Dworkin’s Paradox” (with Seung Ki Baek and Beom Jun Kim), *PLoSOne* 7 (6), 2012.

“The Decay in Contribution in a Public Goods Game: Learning Hypothesis, Strategy Hypothesis and Reciprocity Hypothesis Revisited” (with Jun Sok Huhh), *Journal of Economic Theory and Econometrics* 23 (2), 2012: pp. 165-186 (in Korean)

“Is Biology Acceptable in Economics”, *Daedong Philosophy* 59, 2012 (written in Korean)

“Can New Institutional Economics Restore Politics in Economic Sphere?” (with Young-Yong Kim), *Journal of Korean Economic Development* 16 (2), 2010: pp. 181-206 (written in Korean)

“Revisiting the Theories on the Evolution of Altruistic Strategy: From a View Point of Positive Assortation”, *Review of Social and Economic Studies* 35, 2010: pp. 309-338. (written in Korean)

“Social Preferences and Institutions: A Literature Survey”, *Review of Social and Economic Studies* 32, 2009: pp. 157-189. (written in Korean)

“Play Locally, Learn Globally: The Structural Basis of Cooperation”, *Journal of Bioeconomics* 10 (3), 2008: pp. 239-257

“The Coevolution of Parochial Altruism and War” (with Samuel Bowles), *Science* 318, 2007: pp. 636-640

“Trembles May Support Cooperation in a Repeated Prisoner’s Dilemma Game”, *Journal of Economic Behavior and Organization* 63 (3), 2007: pp. 484-393

“Endogenous Preferences and Institutional Crowding-Out in Public Policy”, *Journal of Korean Economic Development* 12 (2), 2006: pp. 71-92 (written in Korean)

“On the Cooperative Behavior: Economic Logic vs. Structural Logic”, *Review of Social and Economic Studies* 27, 2006: pp. 157-189. (written in Korean)

“The Coevolution of Individual Behaviors and Social Institutions”, (with Samuel Bowles and Astrid Hopfensitz), *Journal of Theoretical Biology* 223, 2003: pp. 135-147.

“Coordination Failures, Institutions, and Evolution”, *Trend and Perspectives* 45, 2000. (written in Korean)

“Game Theory and Human Nature”, *Trend and Perspectives* 41, 1999. (written in Korean)

BOOK CHAPTER

“The Emergence of Inequality in Small-Scale Societies: Simple Scenarios and Agent-based Simulations”, (with Eric Alden Smith), T. Kohler and S. van der Leeuw eds. *The Model-based Archaeology of Socionatural Systems*, SAR Press. 2007.

“The Evolution of Love and Hate”, (with Samuel Bowles), Parijs, Philippe Van ed. *Cultural Diversity vs Economic Solidarity, Francqui Prize Volume*, Brussel: De Boeck University Press, 2004.

BOOK

Game Theory and Human Behavior, Puriwa Ipari Publishing Co. Seoul, December 2004 (written in Korean).

Game Theory and Evolutionary Dynamics, Eum Publishing Co. Co. Seoul, August 2009 (written in Korean).