

BYUNGKYU LEE*Curriculum Vitae*

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Department of Sociology
Columbia University
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EDUCATION

2014– Ph.D. Candidate in Sociology, Columbia University
2012–14 M.A. in Sociology, Columbia University
2009–12 M.A. in Sociology, Yonsei University (WITH GRADUATE THESIS AWARD)
2002–09 B.A. in Business Administration, Yonsei University

FIELDS OF INTEREST

Social Networks, Political Sociology, Health, Social Genomics, Agent-based Modeling, Causal Inference.

PUBLICATIONS

Journal Articles (Peer-reviewed)

- 2017 Lee, Byungkyu and Peter Bearman. “Important Matters in Political Context.” *Sociological Science* 4:1-30.
- 2016 Lee, Byungkyu and Dalton Conley. “Robust Null Findings on Offspring Sex and Political Orientation.” *Social Forces* 95(2):899-908.
- 2016 Youm, Yoosik and Byungkyu Lee. “A Network Approach to Economic Models of Fertility.” *Rationality and Society* 28(4):386-409.
- 2016 Lee, Byungkyu and Dalton Conley. “Does the Gender of Offspring Affect Parental Political Orientation?” *Social Forces* 94(3):1103-1127. (NBER Working Paper No.20384.)

This article was featured in *The Washington Post* and *The Atlantic*.

- 2011 Lee, Byungkyu and Yoosik Youm. “Social Network Effects on Post-Traumatic Stress Disorder (PTSD) in Female North Korean Immigrants.” *Journal of Preventive Medicine and Public Health* 44(5):191-198.

WORKS IN PROGRESS

Under Review

Lee, Byungkyu and Dalton Conley. “Twin Trouble: Nature and Nurture in Adolescent Friendship Networks.”

Lee, Dohoon and Byungkyu Lee. “The Tale Is in the Tail: The Role of Highly Depressed Peers in Adolescent Depression.”

Working Papers (available upon request)

Lee, Byungkyu, Eun Kyong Shin, and Peter Bearman. “The Structure of Terrorist Networks.”

Lee, Byungkyu and Peter Bearman. “The Protective Effects of Social Capital on Mortality Risk (not).”

Youm, Yoosik and Byungkyu Lee. “The Proposed Walk-betweenness Measure and Its Application to the Syphilis Transmission in Chicago.”

Data Analysis Stage

“The Rise of Political Segregation in the Battleground States.”

“Social Contexts, Sexual Networks, and Racial-Ethnic Disparities in STDs: An Investigation using Agent-based Models.” (with Kate Strully and Peter Bearman)

SELECTED PRESENTATIONS

Lee, Byungkyu. “The Rise of Political Segregation in the Battleground States.” • Summer Conference on Economy and Society, Ringberg, Germany, 2017.

Lee, Byungkyu and Dalton Conley. “Twin Trouble: Fragility of Heritability Estimates for Adolescent Friendship Networks.” • American Sociological Association Annual Meeting, Regular Session on Social Networks, 2017, Montreal, Canada. • Population Association of America Annual Meeting, 2017, Chicago, IL. • Integrating Genetics and Social Science Conference, 2013, Boulder, CO.

Lee, Byungkyu and Peter Bearman. “Important Matters in Political Context: The Role of Priming in Suppressing the Core Discussion Network Size” • Annual Meeting of the International Network of Analytical Sociologists, 2016, Utrecht, Netherlands.

Lee, Byungkyu, Eun Kyong Shin, and Peter Bearman. “Risk on the Margin: The Structure of Covert Social Network.” • Sunbelt Social Networks Conference of the International Network for Social Network Analysis, 2016, Newport Beach, CA. • Annual Meeting of the International Network of Analytical Sociologists, 2015, Boston, MA.

Strully, Kate, Byungkyu Lee, and Peter Bearman. “Social Contexts, Sexual Networks, and Racial-Ethnic Disparities in STDs: An Investigation using Agent-based Models.” • American Sociological Association Annual Meeting, Invited Thematic Session on Networks and Sexual Behavior, 2015, Chicago, IL.

Youm, Yoosik and Byungkyu Lee. “Gendered Social Network Effects on C-Reactive Protein Level Among US Older Adults.” • American Sociological Association Annual Meeting, Section Session on Medical Sociology, 2012, Denver, CO.

PUBLICATIONS IN KOREAN

Journal Articles (Peer-reviewed)

- 2012 Lee, Byungkyu and Yoosik Youm. "A Study on the Increase and Decrease of Occupying Bridging Position Based on the Sponsorship Network in the 17th Korean National Assembly." *Korean Journal of Sociology* 46(4):137-175.
- 2012 Cho, Jinman, Jeonghan Kang, and Byungkyu Lee. "Effects of Family Structure and Friendship Network on Korean Adolescents' Life Satisfaction." *Social Science Review* 43(1): 47-71.
- EXCELLENCE PAPER AWARD, *The 2nd National Conference for Sociology Graduate Students*, Korean Sociological Association
- 2010 Jeon, Kiho, Byungkyu Lee, and Hun-joon Park. "Effects of Network Centrality on Cooperative Behavior: Mediating Role of Organizational Identification." *Korean Journal of Industrial and Organizational Psychology* 23(4): 635-666.
- 2009 Lee, Byungkyu and Yoosik Youm. "Identifying the Structure of Co-signing Networks among the 17th Korean Congressmen in the Standing Committee of Health and Welfare." *Journal of Contemporary Society and Culture* 29: 33-59.

GRANTS, AWARDS AND FELLOWSHIPS

- 2016 CO-INVESTIGATOR (with Peter Bearman). "Networks in Time: Testing Contextual Effects in the 2004 General Social Survey Network Items", Time Sharing Experiment For the Social Sciences
- 2015 NETWORK MODELING FOR EPIDEMICS FELLOWSHIP, University of Washington
- 2015 GENOECONOMICS SCHOLARSHIP, Tinbergen Institute, Netherlands
- 2012-17 PAUL F. LAZARSELD FELLOWSHIP, Columbia University
- 2012 GRADUATE THESIS AWARD, Yonsei University
- 2011 GRADUATE STUDENT PAPER AWARD, *The 2nd National Conference for Sociology Graduate Students*, Korean Sociological Association

TEACHING EXPERIENCE

Columbia University

- 2015 Social Networks (Assistant to Peter Bearman)
- 2013 Quantitative Analytic Techniques 1 (Assistant to Gregory Eirich)

Yonsei University

- 2009-12 Statistical Research Method 1 and 2, Social Statistics, Sociological Processes of Health and Disease, Introduction to Sociology, Understanding Sociology, Social Research Practice (Assistant to Yoosik Youm)

SERVICE AND OTHER PROFESSIONAL ACTIVITIES

- 2014– GRADUATE FELLOW. *INCITE*, Columbia University.
2014– GRADUATE FELLOW. *Center on Organizational Innovation*, Columbia University.
2014– CO-ORGANIZER. Networks and Time Seminar Series, *INCITE*, Columbia University.
2015–16 FACULTY ADVISOR. China High School Fellowship Program, *INCITE*, Columbia University.
2016 MODERATOR. Sociology Senior Thesis Presentations, Columbia University.
2009– MEMBER. American Sociological Association.
2016– MEMBER. International Network for Social Network Analysis.

AD HOC REVIEWER – *American Sociological Review*, *Sex Roles*.

REFERENCES

Peter Bearman

Jonathan R. Cole Professor of the Social Sciences
Columbia University
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Dalton Conley

Henry Putnam University Professor of Sociology
Princeton University
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David Stark

Arthur Lehman Professor of Sociology
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