



# Eun Kyong SHIN

*Department of Sociology, Korea University*  
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## ACADEMIC POSITION

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**Assistant Professor** 2019-  
*Department of Sociology, Korea University*

- Social Network Analysis, Machine Learning and Artificial Intelligence, Data Science

**Postdoctoral Fellow** 2016-2019  
*School of Medicine, University of Tennessee Health Science Center*

- Machine Learning and Artificial Intelligence, Social Epidemiology, Biomedical Informatics

**Postdoctoral Research Scholar in the Faculty of Law** 2015-2016  
*Columbia Law School*

- Network Survey and Network Intervention Design

## EDUCATION

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**Ph.D. Sociology** 2015  
*Columbia University*

The Morphology of Resistance: Korean Resistance Networks 1895-1945, Advisor: Peter Bearman

**M.Phil. Sociology** 2010  
*Columbia University*

**M.A. Sociology** 2007  
*Korea University*

2006, Visiting, University of Queensland, Australia, Dean's Commendation

**B.A. Sociology** 2004  
*Korea University, Magna Cum Laude, Early & Honored*

## SELECTED PUBLICATIONS

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1. **Shin EK**, Kwon Y, Shaban-Nejad A, "Geo-Clustered Chronic Affinity: Pathways from Socio-economic Disadvantages to Health Disparities," *JAMIA Open*, 2019, ooz029
2. **Shin EK**, LeWinn K, Bush N, Tylavsky F, Davis R, Shaban-Nejad A, "Association of Maternal Social Relationships with Cognitive Development in Early Childhood," *JAMA Network*, 2019, 2(1). 1-9.
3. Brenas JH, **Shin EK**, Shaban-Nejad A, "Adverse Childhood Experiences Ontology for Mental Health Surveillance, Research, and Evaluation: Advanced Knowledge Representation and Semantic Web Techniques," *JMIR Ment Health*, 2019;6(5):e13498

4. **Shin EK**, Mahajan R, Akbilgic O, Shaban-Nejad A, “Sociomarkers and Biomarkers: Predictive Modeling in Identifying Pediatric Asthma Patients at Risk of Hospital Revisiting,” *Nature Digital Medicine*, 2018, 1(50). 1-5.
5. **Shin EK**, Shaban-Nejad, A, “Urban Decay and Pediatric Asthma Prevalence in Memphis, Tennessee: Urban Data Integration for Efficient Population Health Surveillance,” *IEEE Access*, 2018, 6:46281-46289.
6. **Shin EK**, Shaban-Nejad A, “Geo-distinctive Comorbidity Networks of Pediatric Asthma,” *Studies in health technology and informatics*, 2018, 247:436-440.
7. **Shin EK**, Shaban-Nejad A, “Public Health Intelligence and the Internet: Current State of the Art,” In: Shaban-Nejad A, Brownstein J, Buckeridge D. (eds) *Public Health Intelligence and the Internet. Lecture Notes in Social Networks*. Springer, Cham. 2017. 1-17.

## **GRANTS + FELLOWSHIPS + SCHOLARSHIPS + AWARDS**

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2019	Outstanding Postdoctoral Fellow Award	
	University of Tennessee Health Science Center	School of Medicine
2019	Marvin Zelen Memorial Symposium 3 <sup>rd</sup> Prize	Data Science in Biomedical Research
	Harvard Medical School	Dana-Farber Cancer Institute
2019	Future of Science Fund Scholarship	
	<i>Digital Health: From Science to Application</i>	Keystone Symposia
2018	Research Grant <i>Social Components of Health</i>	Co-Investigator
	Research Institute of Memphis	Children’s Foundation
2018	Travel Grant	UTHSC
2017	Travel Grant	SBP-BRiMS
2015	Summer Research Grant	Columbia University
2014-2015	Research Fellowship	INCITE, Columbia University
2014	Best Student Paper Award and Scholarship	AKSA
2014	Sydney Spivack Memorial Travel Grant	Columbia University
2013	Summer Teaching Fellowship	GSAS, Columbia University
2012	Sydney Spivack Memorial Travel Grant	Columbia University
2012	Matching Travel Grant	GSAS, Columbia University
2011	UKSNA Student Award and Fellowship	UKSNA
2011	Summer Travel Grant	ISERP, Columbia University
2011	Sydney Spivack Memorial Travel Grant	Columbia University
2008-2012	Summer Research Fellowship	GSAS, Columbia University
2008	Matching Travel Grant	GSAS, Columbia University
2007-2014	Lazarsfeld Fellowship	GSAS, Columbia University
2007	International Conference Travel Grant	Korea University
2006	Conference Travel Grant	Korea University
2006	Dean’s Commendation	University of Queensland
2005-2006	Student Scholarship	Korea University
2003-2004	High Honor Scholarship	Korea University
2001-2004	High Honor Award	Korea University