

YOOSIK YOUM

Professor of Sociology
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Education :	The University of Chicago Sociology. Ph.D.	Chicago 2000
	(Mandatory Military Service: Korean Army)	1990 - 1992
	Yonsei University Business Administration. M.A.	Seoul, South Korea 1990
	Yonsei University Business Administration. B.A.	Seoul, South Korea 1987

Academic Positions:

Full Professor of Sociology	2014 - present
Associate Professor of Sociology Yonsei University, South Korea	2009 - 2014
Assistant Professor of Sociology Yonsei University, South Korea	2005 - 2009
Affiliated Professor of Sociology University of Illinois at Chicago	2005 - 2014
Advanced Researcher Institute for Health Research and Policy at University of Illinois at Chicago	2005 - 2014
Assistant Professor of Sociology University of Illinois at Chicago	2000 - 2005
Visiting Professor (paid position) Department of Sociology Utrecht University, Netherlands	2002 Summer
Visiting Scholar (paid position) Research Institute of Economy, Trade and Industry Tokyo, Japan	2010 Spring
Visiting Faculty (paid position) Department of Sociology University of Chicago	2010 Spring 2014 Spring

Awards : 1993 - 1996 Trustee Fellowship from the University of Chicago

2007. Excellence Award for Teaching. Yonsei University

2012. Excellence Award in Basic Research in Humanities and Social Sciences.
Ministry of Education, Science, and Technology of Republic of Korea

2018. Excellence Award for Research Papers. Yonsei University

Areas of Specialties :

Substantive Areas: Health, Family, Organizations, Sexuality, Race/ethnic relations

Method Areas: Network Analysis, Mathematical modeling, Rational Choice modeling
(Game theoretic modeling), Log-linear Models, Event History Analysis

Major Publications (in English: *: corresponding author):

Articles

Laumann, Edward O. and Yoosik Youm. 1999. "Race/ethnic group differences in the prevalence of sexually transmitted diseases in the United States: A Network Explanation." *Sexually Transmitted Diseases*. Vol 26. No 5: 250-61.

Youm, Yoosik, and Edward O. Laumann. 2002. "Social Network Effects on the Transmission of Sexually Transmitted Diseases." *Sexually Transmitted Diseases* 29(11): 689-697.

Youm, Yoosik, and Edward O. Laumann. 2003. "The effect of structural embeddedness on the division of household labor: A game-theoretic model using a network approach." *Rationality and Society*. 15(2): 243 – 280.

Youm, Yoosik, Mary Ellen Mackesy-Amiti, Chyvette T. Williams, and Lawrence J. Ouellet. 2009. "Identifying Hidden Sexual Bridging Communities in Chicago," *Journal of Urban Health* 86(1): s107-s120.

Youm, Yoosik, Mi-Jin Lee, and Sun-chul Hwang. 2009. "Consensus Making Process in the Korean Academy of Medical Sciences Guide for Physical Impairment: Evaluation as a Social Process," *Journal of Korean Medical Sciences* 24(s2): s242-s246.

Kyeong-Seok Lee, Jon-Uk Won, So-Youm Kim, Mong-Sei Sohn, Yoosik Youm, et al. 2009. "Development of the Korean Academy of Medical Sciences Guideline for Rating Physical Impairment" *Journal of Korean Medical Sciences* 24(s2): s221-s226.

Youm, Yoosik. Keunbok Lee. 2009. "Latent Classes of Metabolic Syndrome in the Korean Population: Identification and Comparison of Classes among Different Educational Groups," *Korean Journal of Sociology*. 473(6): 125-145.

Youm, Yoosik. 2010. A sociological interpretation of emerging properties in STI transmission dynamics: walk-betweenness of sexual networks. *Sexually Transmitted Infections*. 2010. 86(3): iii24-iii28.

Youm, Yoosik, Byungkyu Lee. 2011. "Social Network Effects on Post-Traumatic Stress Disorder (PTSD) in Female North Korean Immigrants," *Journal of Preventive Medicine and Public Health* 44(5): 191-200.

- Yoosik Youm, Hyojeong Seo. 2011. "Latent Classes of Social Closure and Their Effects on the Subjective Well-being among Korean Adolescents," *Korean Journal of Sociology* 45(3): 101-124.
- Lee, W. J., Youm, Y., Rhee, Y., Park, Y. R., Chu, S. H., & Kim, H. C. (2013). Social network characteristics and body mass index in an elderly Korean population. *Journal of Preventive Medicine and Public Health*, 46(6), 336-345.
- Lee, S. W., Youm, Y., Kim, C. O., Lee, W. J., Choi, W., Chu, S. H., ... & Kim, H. C. (2014). Association between skeletal muscle mass and radial augmentation index in an elderly Korean population. *Archives of gerontology and geriatrics*, 59(1), 49-55.
- Lee, E. Y., Kim, H. C., Rhee, Y., Youm, Y., Kim, K. M., Lee, J. M., & Kim, C. O. (2014). The Korean urban rural elderly cohort study: study design and protocol. *BMC geriatrics*, 14(1), 33.
- Youm, Y., Laumann, E. O., Ferraro, K. F., Waite, L. J., Kim, H. C., Park, Y. R., ... & Lee, J. A. (2014). Social network properties and self-rated health in later life: comparisons from the Korean social life, health, and aging project and the national social life, health and aging project. *BMC geriatrics*, 14(1), 102.
- Chu, Sang Hui, Ji Won Baek, Eun Sook Kim, Katherine M. Stefani, Won Joon Lee, Yeong-Ran Park, Yoosik Youm, and Hyeon Chang Kim. (2015) "Gender Differences in Hypertension Control among Korean Older Adults." *Journal of Preventive Medicine and Public Health*. 48(1): 38-47.
- Song, Bo Mi, Ju-Mi Lee, Wungrak Choi, Yoosik Youm, Sang Hui Chu, Yeong-Ran Park, and Hyeon Chang Kim. "Association between C reactive protein level and depressive symptoms in an elderly Korean population: Korean Social Life, Health and Aging Project." *BMJ open* 5, no. 2 (2015): e006429.
- Lee, Seung Won, Yoosik Youm, Won Joon Lee, Wungrak Choi, Sang Hui Chu, Yeong-Ran Park, and Hyeon Chang Kim. "Appendicular Skeletal Muscle Mass and Insulin Resistance in an Elderly Korean Population: The Korean Social Life, Health and Aging Project-Health Examination Cohort." *Diabetes & metabolism journal* 39, no. 1 (2015): 37-45.
- Youm, Y., 2015. Sexually Transmitted Infections: Social Network Analysis. In: James D. Wright (editor-in-chief), *International Encyclopedia of the Social & Behavioral Sciences*, 2nd edition, Vol 21. Oxford: Elsevier. pp. 853–861.
- Song, B. M., Kim, H. C., Rhee, Y., Youm, Y., & Kim, C. O. (2016). Association between serum 25-hydroxyvitamin D concentrations and depressive symptoms in an older Korean population: A cross-sectional study. *Journal of affective disorders*, 189, 357-364.
- Neaigus, A., Jenness, S. M., Reilly, K. H., Youm, Y., Hagan, H., Wendel, T., & Gelpi-Acosta, C. (2016). Community Sexual Bridging Among Heterosexuals at High-Risk of HIV in New York City. *AIDS and Behavior*, 20(4), 722-736.
- Choi, H., Kim, H. C., Song, B. M., Park, J. H., Lee, J. M., Yoon, D. L., ... & Kim, C. O. (2016). Serum uric acid concentration and metabolic syndrome among elderly Koreans: The Korean Urban Rural Elderly (KURE) study. *Archives of gerontology and geriatrics*, 64, 51-58.
- Youm, Y., & Yamaguchi, K. (2016). A Comparison of the Determinants of Low Marital Fertility between Korea and Japan. *Korean Journal of Sociology*, 50(3), 23-43.

- Lee, E. Y., Lee, S. J., Kim, K. M., Yun, Y. M., Song, B. M., Kim, J. E., ... & Kim, C. O. (2016). Association of metabolic syndrome and 25-hydroxyvitamin D with cognitive impairment among elderly Koreans. *Geriatrics & Gerontology International*.
- Baek, J., Hur, N. W., Kim, H. C., & Youm*, Y. (2016). Sex-specific effects of social networks on the prevalence, awareness, and control of hypertension among older Korean adults. *Journal of Geriatric Cardiology: JGC*, 13(7), 580.
- Youm, Y., & Sung, K. (2016). Self-rated Health and Global Network Position: Results From the Older Adult Population of a Korean Rural Village. *Annals of Geriatric Medicine and Research*, 20(3), 149-159.
- Youm, Y., & Lee, B. (2016). A network approach to economic models of fertility. *Rationality and Society*, 28(4), 386-409.
- Lee, S. J., Kim, K. M., Lee, E. Y., Song, M. K., Kang, D. R., Kim, H. C., ... & Rhee, Y. (2016). Low Normal TSH levels are Associated with Impaired BMD and Hip Geometry in the Elderly. *Aging and Disease*, 7(6), 734.
- Sohn, S. Y., Joo, W. T., Kim, W. J., Kim, S. J., Youm, Y., Kim, H. C., ... & Lee, E. (2017). Social network types among older Korean adults: Associations with subjective health. *Social Science & Medicine*, 173, 88-95.
- Lee, S., Seo, D. H., Kim, K. M., Lee, E. Y., Kim, H. C., Kim, C. O., Youm, Y*, & Rhee, Y. (2017). Contingent association between the size of the social support network and osteoporosis among Korean elderly women. *PLoS one*, 12(7), e0180017.
- Joo, W. T., Lee, C. J., Oh, J., Kim, I. C., Lee, S. H., Kang, S. M., ... & Youm, Y. (2017). The association between social network betweenness and coronary calcium: A baseline study of patients with a high risk of cardiovascular disease. *Journal of Atherosclerosis and Thrombosis*, 40469
- Kwak, S., Joo, W. T., Youm*, Y., & Chey, J. (2018, January). Social brain volume is associated with in-degree social network size among older adults. In *Proc. R. Soc. B* (Vol. 285, No. 1871, p. 20172708). The Royal Society.
- Hur, N. W., Kim, H. C., Waite, L., & Youm*, Y. (2018). Is the Relationship between Depression and C Reactive Protein Level Moderated by Social Support in Elderly? - Korean Social Life, Health, and Aging Project (KSHAP). *Psychiatry Investigation*, 15(1), 24-33.
- Hong, N., Kim, C. O., Youm, Y., Kim, H. C., & Rhee, Y. (2018). Low peak jump power is associated with elevated odds of dysmobility syndrome in community-dwelling elderly individuals: the Korean Urban Rural Elderly (KURE) study. *Osteoporosis International*, 1-10.

Book Chapters

- Laumann, Edward. O. and Yoosik Youm. 2001. "Sexual Expression in America." In Edward O. Laumann and Robert T. Michael (eds.). *Sex, Love and Health: Private Choices and Public Policies*. Chicago: University of Chicago Press: 109 – 147.
- Laumann, Edward. O. and Yoosik Youm. 2001. "Racial/Ethnic Group Differences in the Prevalence of Sexually Transmitted Diseases in the United States: A Network Explanation" In Edward O. Laumann and Robert T. Michael (eds.). *Sex, Love and Health: Private Choices and Public Policies*. Chicago: University of Chicago Press:

327 – 351.

Youm, Yoosik and Anthony Paik. 2004. "The Sexual Market and its Implications for Family Formation," In Edward O. Laumann et al. (eds.). *The Sexual Organization of the City*. Chicago: University of Chicago Press. 165 – 193.

Youm, Yoosik and Edward Laumann. 2004. "Social Networks and STDs," In Edward O. Laumann et al. (eds.). *The Sexual Organization of the City*. Chicago: University of Chicago Press. 227 – 279.

Laumann, Edward, Jenna Mahay, Tony Paik, Yoosik Youm. 2004. "Network Data Collection and its Relevance for the Analysis." In Martina Morris (eds.) *Network Epidemiology: A Handbook for Survey Design and Data Collection*. Oxford University Press. 25 -41.

Youm, Yoosik. 2005. "Household Behavior and Family Economics: Measurement and Analysis of the Division of Household Labor," In Kimberly Kempf-Loenard (eds.) *Encyclopedia of Social Measurement*. Academic Press. 243-248.

Laumann, Edward, Jenna Mahay, Yoosik Youm. 2007. "Sex, Intimacy, and Family Life in the United States," in Michael Kimmel (eds) *The Sexual Self: The Construction of Sexual Scripts*. Nashville: Vanderbilt University Press. 165-190.

Youm, Yoosik., Chanung Park. 2007. "On the Relationship between Self-reported Physical Health and Social Networks: Among Korean Junior High School Students," *Development and Society*. S221-S226.

Youm Y., Laumann E.O., Lee K. (2018) Changes of Personal Network Configuration Over the Life Course in the USA: A Latent Class Approach. In: Alwin D., Felmler D., Kreager D. (eds) *Social Networks and the Life Course. Frontiers in Sociology and Social Research, vol 2*. Springer, Cham

Book

Laumann, E.O., Stephen Ellingson, Jenna Mahay, Anthony Paik, and Yoosik Youm. 2004. *The Sexual Organization of the City*. Chicago: University of Chicago Press.

USA Grant Activities

Title: *UIC Center for Population Health and Health Disparities*

Source: NCI/Dept. of Health and Human Services

Project Number: 1 P50 CA106743-01

Year and budget: 2003 – 2008, \$7.5 M

PI: Richard Warnecke

Role: PI for the project 2

The major goal of this project is to examine racial/ethnic disparities in breast cancer cases in Chicago area based on four related sub-projects. Especially project 2 attempts to explain racial/ethnic disparities in breast cancer prognosis by examining patients' social network embeddedness. In addition to improving the explanation of the racial/ethnic gap, this approach will also help to establish effective intervention programs at community levels as discussed in this proposal.

http://obssr.od.nih.gov/cphhd/CPHHD_Awards.htm

Title: *HIV and the Sexual Networks of IDUs and Drug-Using MSM*

Source: NIDA

Project number: 1 U01-DA-017378

Year and budget: 2003 – 2008, \$4.5 M

PI: Lawrence Ouellet
Role: Co-investigator

The study proposes a cross-sectional survey of 2500 IDUs and about 562 of their non-injecting sex partners, and 3000 MSM and about 450 of their female sex partners. Participants will be recruited through respondent-driven sampling (RDS) at six racially and ethnically diverse sites across Chicago in order to obtain unbiased sample of hidden population. Social/ Sexual/ Drug networks of the sample will be analyzed to examine the network structure for the prevention.
<http://www.rand.org/methodology/srg/sathcap/index.html>

Title: *Sexual Network Analysis for a preventive Strategy for Syphilis in Chicago*

Source: Chicago Department of Public Health

Role: PI

Year and budget: 03/01/2002 - 03/01/2003, \$25,000

The goal of the project is to help to establish efficient and effective preventive strategies for syphilis (or bad blood) for the city of Chicago, which has one of the highest syphilis infection rates in the US. Unlike the traditional research on the sexually transmitted diseases, which has focused on individual risk factors such as condom use, the number of sex partners, etc., this research examines the patterns of social/sexual ties people have and their effects on behaviors or attitudes, combined with standard statistical analysis. The 'field record' of each patient at the CDC clinics that contains detailed information on their sex partners will reveal which segments of the Chicago population are mainly responsible for high infection rates, which are not readily identifiable from traditional approaches that focus on individual level risk factors only. Segments will be defined by geographical area, racial/ethnic groups, and age, etc. Once identifying the segments that are mainly responsible for and the mechanisms through which infections travel (for example, the mechanism might be a small in size but highly sexually active group or a bridge position connecting different sub-populations that would not be connected without it, etc.), this study can establish efficient and effective preventive strategies that are specific to those segments and those mechanisms.

Role: PI

Major Korea Grant Activities

A proposal of new measure of 'Bridgeness' and its application to the information flow among breast cancer patients in Chicago	Yonsei University 2005.09-2006.08 10,000,000
사회적 포섭과 배제 사업단: 한국 및 동아시아 비교	Ministry of Education 2006.03-2007.02 400,000,000
신종인플루엔자 대유행 조기 통제 및 피해 최소화 전략의 법적·윤리적 문제점 분석 및 개선방안	Korea center for disease control and prevention 2006.05-2006.12 47,000,000
사회적 포섭과 배제 사업단: 한국 및 동아시아 비교	Ministry of Education 2007.03-2008.02 47,000,000
사회통합적 주거공동체 재생기술개발	Ministry of Land, transport and maritime affairs 2007.11-2007.12

		1,137,500,000
사회적 포섭과 배제 사업단: 한국 및 동아시아 비교	Ministry of Education	2008.03-2009.02
		400,000,000
A consponsorship network analysis of legislative bill adoption in South Korea	Ministry of Education	2008.07-2009.06
		18,245,000
사회통합적 주거공동체 재생기술개발 사업	Ministry of Land, transport and maritime affairs	2008.07-2009.06
		3,003,548,000
사회적 포섭과 배제 사업단: 한국 및 동아시아 비교	Ministry of Education	2009.03-2010.02
		400,000,000
한국방정환재단 어린이 청소년 행복지수 연구개발	private enterprise	2009.03-2009.05
		35,000,000
건강한 노년을 위한 학제적 연구	Yonsei University	2009.09-2010.06
		20,000,000
북한이주민의 정체성과 사회 적응에 대한 패널 연구	Ministry of Education	2009.11-2010.10
		89,600,000
서울 시민의 신종 인플루엔자 정보 획득과 인식 형성에 관한 사회 연결망 연구	private enterprise	2010.02-2010.05
		20,000,000
사회적 포섭과 배제 사업단: 한국 및 동아시아 비교	Ministry of Education	2010.03-2011.02
		400,000,000
건강한 노년을 위한 학제적 연구	Yonsei University	2010.03-2011.06
		40,000,000
한국방정환재단 어린이 청소년 행복지수 연구개발	private enterprise	2010.04-2010.07
		30,000,000
북한이탈주민의 사회연결망과 정착 수준의 변화에 대한 패널 연구	Ministry of Unification	2010.06-2010.11
		20,000,000
공중보건위기대응사업단: 위기 커뮤니케이션 전략	Ministry of Health and Welfare	2010.09-2014.03
		45,000,000
OECD 보건계정체계(SHA) 국가간 비교	OECD Korea policy centre	2011.01-2011.06
		30,000,000
한국방정환재단 어린이 청소년 행복지수 연구개발	private enterprise	2011.03-2011.05
		30,000,000
사회적 포섭과 배제 사업단: 한국 및 동아시아 비교	Ministry of Education	2011.03-2012.02

		400,000,000
노인중증질환 예방관리 코호트 프로토콜 및 운영방안설계	Korea center for disease control and prevention	2011.03-2011.08
		40,000,000
An Integrated Study for a Successful Transition to Active Aging Korea based on an Inter-disciplinary Approach of Social Science and Biomedical Science (1/3) and Future Planning	Ministry of Science, ICT	2011.06-2012.08
		99,862,000
차세대 맞춤형료 유전체 사업 ELSI 센터	Ministry of Health and Welfare	2011.12-2012.03
		50,000,000
한국방정환재단 어린이 청소년 행복지수 연구개발	private enterprise	2012.03-2012.05
		30,000,000
사회적 포섭과 배제 사업단: 한국 및 동아시아 비교	Ministry of Education	2012.03-2013.04
		400,000,000
노인중증질환 예방관리 코호트 구축 및 운영	Korea center for disease control and prevention	2012.03-2012.12
		500,000,000
차세대 맞춤형료 유전체 사업 ELSI 센터	Ministry of Health and Welfare	2012.04-2013.03
		50,000,000
Social Processes of Conflict and Integration in Contemporary Korea	Yonsei University	2012.05-2013.05
		45,000,000
An Integrated Study for a Successful Transition to Active Aging Korea based on an Inter-disciplinary Approach of Social Science and Biomedical Science (2/3) and Future Planning	Ministry of Science, ICT	2012.09-2013.08
		131,817,000
한국방정환재단 어린이 청소년 행복지수 연구개발	private enterprise	2013.03-2014.05
		33,000,000
Geriatric Diseases Prevention and Management Cohort	Korea center for disease control and prevention	2013.03-2013.12
		500,000,000
사회연결망 데이터 분석 기법 조사 및 연구	Ministry of Strategy and Finance	2013.03-2013.10
		35,000,000
Social Processes of Conflict and Integration in Contemporary Korea	Yonsei University	2013.03-2014.02
		45,000,000
Etiology of Cardiovascular and Metabolic Diseases study	Korea center for disease control and prevention	2013.07-2014.06
		2,036,000,000
Social Solidarity and Mutualism (1/3)	Ministry of Education	2013.09-2014.02
		215,762,000
An Integrated Study for a Successful Transition to Active Aging Korea based on an Inter-disciplinary Approach of Social Science and Biomedical Science (3/3) and Future Planning	Ministry of Science, ICT	2013.09-2014.08

Geriatric Diseases Prevention and Management Cohort	Korea center for disease control and prevention	164,817,000
		2014.01-2014.12
		454,545,455
한국방정환재단 어린이 청소년 행복지수 연구개발	private enterprise	
		2014.03-2014.06
		31,818,182
Social Solidarity and Mutualism (2/3)	Ministry of Education	
		2014.03-2015.02
		458,608,000
Etiology of Cardiovascular and Metabolic Diseases study	Korea center for disease control and prevention	
		2014.07-2015.06
		2,036,000,000
Active ageing: from brain to social networks to communities (1/3)	Ministry of Education	
		2014.09-2015.08
		293,940,000
Geriatric Diseases Prevention and Management Cohort	Korea center for disease control and prevention	
		2015.02-2015.12
		272,727,273
Social Solidarity and Mutualism (3/3)	Ministry of Education	
		2015.03-2016.02
		456,075,000
성공적인 고령화:유전자, 뇌, 사회연결망을 거쳐 공동체까지(3단계 ¼)	한국연구재단	
		2017.09-2018.08
		572,760,000