STEPHEN P. BORGATTI

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Google Scholar: ~102,000 citations | h-index 88

EDUCATIONAL BACKGROUND

1989	Ph.D.	University of California, Irvine, Mathematical Social Science
1977	B.A.	Cornell University, Anthropology

ACADEMIC EXPERIENCE

2021 – pres.	Professor and Carol Martin Gatton Endowed Chair, Dept. of Management, University of Kentucky
2019 – 2021	Chair, Dept. of Management; Professor and Paul Chellgren Endowed Chair, Dept. of Management, University of Kentucky
2007 – 2019	Professor and Paul Chellgren Endowed Chair, Dept. of Management, University of Kentucky
2005 – 2007	Professor (and Department Chair) of Organization Studies, Carroll School of Management, Boston College
1996 – 2004	Assoc. Prof. of Organization Studies (tenured), Carroll School of Management, Boston College
1995 – 1996	Visiting Assoc. Prof. of Organization Studies, Carroll School of Management, Boston College
1994 – 1996	Associate Professor of Sociology (tenured), University of South Carolina, Columbia
1989 – 1994	Assistant Professor of Sociology, University of South Carolina, Columbia
1989	Visiting Lecturer, Dept. of Sociology, University of California, Riverside

BUSINESS EXPERIENCE

1982 – 1986	Technical Product Manager, promoted from Management Scientist. *Management Decision Systems*. Waltham, MA (later merged into Information Resources Inc., now Circana).
1980 – 1982	Senior Associate, promoted from Associate. *Planning Economics Group*. Woburn, MA.
1977 – 1978	Promotion Manager, *Mayatrac S.A.* (Caterpillar tractor dealer), Guatemala City, Guatemala

AWARDS AND HONORS

2024	Societal Impact Award, Gatton Research Excellence Awards

2021–22	Named "top 2% of researchers in the world". https://gatton.uky.edu/news/5-gatton-college-professors-named-top-2-percent-worlds-researchers
2017	Research Excellence Award (High Impact), Gatton College
2016	University Research Professor award, University of Kentucky
2011	William D. Richards, Jr. Software Award, INSNA
2008	Georg Simmel Award, International Network for Social Network Analysis (INSNA)
2005	Outstanding Contribution in a Computer or Teaching Application, American Sociological Association
1998	Georg Simmel Award, International Network for Social Network Analysis (INSNA), shared with Rolf Ziegler

BOOKS

Borgatti, SP, Everett, MG, Johnson, JC., Agneessens, F. (under contract; expected 2027). Analyzing Social Networks using R. 2nd Edition. Sage Publications, UK.

Borgatti, SP, Everett, MG, Johnson, JC., Agneessens, F. (2024). Analyzing Social Networks. 3rd Edition. Sage Publications, UK [~ 6500 citations]

Borgatti, SP, Everett, MG, Johnson, JC., Agneessens, F. (2022). Analyzing Social Networks using R. Sage Publications, UK

Perry, BL, Pescosolido, BA, Borgatti, SP. (2018). Egocentric Network Analysis: Foundations, Methods, and Models. Cambridge University Press, UK [~ 1000 citations]

Borgatti, SP, Everett, MG & Johnson, JC. (2018). Analyzing Social Networks. 2nd Edition. Sage Publications, UK

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JOURNAL ARTICLES

Borgatti, SP, Halgin, DS, Bertoni, VB. (submitted). The EESOP Fables: Endogeneity, Self-Organization, and the Reification of Networks. *Social Networks*.

Everett, MG & Borgatti, SP (forthcoming). Eigenvector Centrality in Disconnected Networks. *Social Networks*.

Borgatti, SP, & Everett, MG. (2026) Beyond Constraint: Measuring Brokerage Opportunity and Exclusivity. *Strategy Science*. Advance online publication. https://doi.org/10.1287/stsc.2026.0799

Everett, M. G., & Borgatti, S. P. (2026). Alter composition with overlapping group memberships. *Social Networks*, *85*, 80-88.

Ling, J., Brands, R., Brass, D. J., Liu, D., Borgatti, S. P., & Mehra, A. (2026). Gender, structural holes, and citations: The effects of women's increasing proportional representation in a field. *Group & Organization Management*, *51*(4), 2042-2077.

Soltis, S. M., Sterling, C., Ferrier, W. J., & Borgatti, S. (2026). College football recruiting: the role of relational rivalry in factor-market competition. *Group & Organization Management*, *51*(3), 1436-1470.

Kane, G. C., Alavi, M., Labianca, G., & Borgatti, S. P. (2025). Guest Editorial: The Evolution of Social Media Networks: Revisiting and Extending 10 Years Later. *MIS Quarterly*, *49*(4), ix-xvi.

Palombi, G., Nonino, F., & Borgatti, S. P. (2024). The effect of social network structure on group anchoring bias. *Journal of Organization Design*, *13*(2), 33-44.

Chen, H., Mehra, A., Tasselli, S., & Borgatti, S. P. (2022). Network dynamics and organizations: A review and research agenda. *Journal of Management*, *48*(6), 1602-1660.

Molina, Jose-Luis, Borgatti, S.P. (2021). Moral Bureaucracies and Social Network Research. *Social Networks*. Volume 67, October 2021, Pages 13-19.

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Ofem, B., Arya, B., Ferrier, W. J., & Borgatti, S. P. (2020). Entrepreneurial orientation, collaborative engagement, and performance: Evidence from rural economic development organizations. *Economic Development Quarterly*, *34*(3), 269-282.

Halgin, D.S., Borgatti, S.P., Mehra, A. and Soltis, S., 2020. Audience perceptions of high-status ties and network advantage: The market for coaching jobs in the National Collegiate Athletic Association (2000–2011). *Journal of Organizational Behavior*, 41(4), pp.332-347.

Halgin, D.S., Borgatti, S.P. and Huang, Z., 2020. Prismatic effects of negative ties. *Social Networks*, 60, pp.26-33.

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Ofem, B., Arya, B. and Borgatti, S.P., (2018). The Drivers of Collaborative Success between Rural Economic Development Organizations. *Nonprofit and Voluntary Sector Quarterly* 47(6): 1113-1134

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Grosser, T. J., Obstfeld, D., Choi, E. W., Woehler, M., Lopez-Kidwell, V., Labianca, G., & Borgatti, S. P. (2018). A sociopolitical perspective on employee innovativeness and job performance: The role of political skill and network structure. *Organization Science*, *29*(4), 612-632.

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S Compion, B Ofem, W Ferrier, S Borgatti, P Cook-Craig, J Jensen, S Nah (2015). The Collaboration Networks of Economic Development Organizations in Eastern Kentucky. *Journal of Appalachian Studies* 21 (1), 105-127

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Y. Chen, G. Paul, R. Cohen, S. Havlin, S. P. Borgatti, F. Liljeros, and H. E. Stanley, 2007. "Percolation Theory Applied to Measures of Fragmentation in Social Networks," *Phys. Rev. E* 75, Issue 4 046107.

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Borgatti, S.P. and Molina, J.L. 2005. Toward ethical guidelines for network research in organizations. *Social Networks.* 27(2): 107-117.

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Cross, R.L., Parker, A. and Borgatti, S.P. 2000. A birds-eye view: Using social network analysis to improve knowledge creation and sharing. *Knowledge Directions*. 2(1): 48-61.

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Borgatti, S. P., Jones, C., and Everett, M. G. 1998. Network measures of social capital. Connections. 21(2): 27-36. **

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Jones, C., Hesterly, W. S., Fladmoe-Lindquist, K., & Borgatti, S. P. 1998. Professional service constellations: How strategies and capabilities influence collaborative stability and change. *Organization Science*, 9(3): 396-410.

Smith, J. J., & Borgatti, S. P. 1997. Salience counts and so does accuracy: Correcting and updating a measure for free-list-item salience. *Journal of Linguistic Anthropology*, 7(2): 208-209.

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Borgatti, S. P., & Everett, M. G. 1997. Network analysis of 2-mode data. *Social Networks*, 19(3): 243-269. **

Borgatti, S. P. 1997. Structural holes: Unpacking Burt's redundancy measures. *Connections,* 20(1): 35-38.

Everett, M.G., & Borgatti, S. P. 1996. Exact colorations of graphs and digraphs. *Social Networks*, 18(4): 319-331.

Borgatti, S. P. & Jones, C. 1996. A measure of past collaboration. *Connections,* 19(1): 58-60.

Borgatti, S. P. 1995. Treating 2-Mode data as a network. *Connections,* 18(2): 53-55.

Borgatti, S. P. 1995. Centrality and AIDS. *Connections,* 18(1): 112-114.

Borgatti, S. P. 1994. Using MDS to infer relative status from dominance matrices. Connections 17(2): 75-77.

Borgatti, S. P. 1994. How to explain hierarchical clustering. *Connections,* 17(2): 78-80.

Borgatti, S. P. and Feld S. L. 1994. How to test the strength of weak ties theory. Connections 17(1): 45-46

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White, D. R., & Borgatti, S. P. 1994. Betweenness centrality measures for directed graphs. *Social Networks*, 16(4): 335-346.

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CHAPTERS

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Cross, R. & Borgatti, S.P. (2004) The Ties That Share: Relational Characteristics that Facilitate Information Seeking. In M.H. Huysman and V. Wulf (Eds) Social Capital and IT. MIT Press: Cambridge.

Borgatti, S.P. 2003. The Key Player Problem. Pp. 241-252 in Dynamic Social Network Modeling and Analysis: Workshop Summary and Papers, R. Breiger, K. Carley, & P. Pattison, (Eds.), National Academies Press.

Everett, M.G. and Borgatti, S.P. 2002. Computing regular equivalence: Practical and Theoretical Issues. Metodoloski zvezki, Andrej Mrvar and Anuška Ferligoj (Editors) 17, Ljubljana: FDV, 2002 pages 31-42

Borgatti, S. P. 1999. Elicitation techniques for cultural domain analysis. In J. Schensul & M. LeCompte (Eds.), The Ethnographer's toolkit, vol. 3. Walnut Creek: Altamira Press.

Borgatti, S. P. 1998. The methods. In V. C. De Munck & E. J. Sobo (Eds.), Using methods in the field: A practical introduction and casebook. Walnut Creek: Altamira Press.

Handwerker, W. P., & Borgatti, S. P. 1998. Reasoning with numbers. In H. R. Bernard, (Ed.), Handbook of Methods in Cultural Anthropology. Walnut Creek: Altamira Press.

Everett, M. G., & Borgatti, S. P. 1997. The regular coloration of graphs. In C. Mitchell (Ed.), Applications of combinatorial mathematics: 49-58. Oxford: Oxford University Press.

EDITED VOLUMES

Brass, D.J. and Borgatti, S.P. eds., 2019. *Social Networks at Work.* Routledge.

Julie E. Ferguson, Peter Groenewegen, Christine Moser, Stephen P. Borgatti, John W. Mohr , Editors 2017. Structure, Content and Meaning of Organizational Networks: Extending Network Thinking. Research in the Sociology of Organizations, Volume 53.

Daniel J. Brass, Giuseppe (Joe) Labianca, Ajay Mehra, Daniel S. Halgin, and Stephen P. Borgatti (Eds.) 2014. *Contemporary Perspectives on Organizational Social Networks*. Research in the Sociology of Organizations. Emerald.

Borgatti, S. P. 1992. (ed.) Special issue on blockmodeling. *Social Networks* Volume14.

SOFTWARE

UCINET. Network analysis software. With M.G. Everett and L.C. Freeman. *Analytic Technologies*, Harvard, MA

NetDraw. Network visualization software. *Analytic Technologies*, Lexington, KY.

E-NET. Software for the analysis of egocentric network data. *Analytic Technologies*, Lexington, KY.

KeyPlayer. Software for identifying sets of key players in a network. *Analytic Technologies*, Lexington, KY.

ANTHROPAC. Software for cultural domain analysis. *Analytic Technologies*, Lexington, KY.

borgworld. R package supporting a research methods course. Available at GitHub.

OTHER PUBLICATIONS

Argote, L., Park, S. S., Reagans, R., Bikard, M. A., Kacperczyk, A. J., Mogra, R., ... & Borgatti, S. P. (2026, July). Individuals in the Social and Technological Architecture of Knowledge Exchange. In *Academy of Management Proceedings*.

Coutinho, J., Bellotti, E., & Borgatti, S. P. (2022). Informal Control, Effective Voice and Perceptions of Work Reward Fairness in a Worker Co-operative. In Academy of Management Proceedings (Vol. 2022, No. 1, p. 11871). Academy of Management.

Rohit Subhash Piplani, Travis Grosser, Virginie Lopez Kidwell, Brian R Dineen, Stephen P Borgatti 2022. Effect of Team Co-membership Change on Change in Interpersonal Affect in the Workplace. Academy of Management Proceedings.

Aguinis, H., Bailey, J.R., Borgatti, S.P., Boyd, B., DeJordy, R., DeSimone, J.A., Hill, N.S., Newman, D.A., O'Boyle, E., Ryu, J.W. and Schurer Lambert, L., 2019, July. Recommendations for Improved Methods and Analysis in Management Research. In *Academy of Management Proceedings* (Vol. 2019, No. 1, p. 17367). Academy of Management.

Ofem, B., Arya, B., Ferrier, W.J. and Borgatti, S.P., 2018, July. EO, Network Resources, and Social Performance: Does Organizational Age Matter? In *Academy of Management Proceedings* (Vol. 2018, No. 1, p. 11076). Academy of Management.

Ofem, B., Arya, B. and Borgatti, S.P., 2017, January. The Relational Drivers of Collaborative Success between Rural Economic Development Organizations. In *Academy of Management Proceedings* (Vol. 2017, No. 1, p. 10849). Academy of Management Publications.

Soltis, SM, Sterling, CM, Borgatti, SP, Ferrier, WJ. 2010. College football recruiting: a test of factor market competition theory. *Academy of Management Annual Meeting Proceedings*. P1-6, ; DOI: 10.5465/AMBPP.2010.54501014

S Borgatti, S Kobourov, O Kohlbacher, P Mutzel, P Healy, T Dwyer, U Brandes. 2008. Graph drawing with applications to bioinformatics and social sciences. Schloss Dagstuhl seminar 8191

Huang, Z., Borgatti, SP. 2006. Organizational initial categorization: imprinting and the mitigation of imprinting. *Academy of Management Annual Meeting Proceedings*. p1-6; DOI: 10.5465/AMBPP.2006.27176426

Borgatti, S. P. 1992. ANTHROPAC 4.00 methods guide. Columbia: Analytic Technologies.

Borgatti, S. P. 1992. ANTHROPAC 4.00 reference manual. Columbia: Analytic Technologies.

Borgatti, S. P. 1992. ANTHROPAC 4.00 user's guide. Columbia: Analytic Technologies.

Borgatti, S. P., Everett, M.G., and Freeman, L. C. 1992. UCINET IV version 1.00 reference manual. Columbia: Analytic Technologies.

Borgatti, S. P., Everett, M.G., and Freeman, L. C. 1992. UCINET IV version 1.00 user's guide. Columbia: Analytic Technologies.

Borgatti, S. P. 1989. Regular equivalence in graphs, hypergraphs, and matrices. Doctoral Dissertation, Univ. of California, Irvine. Ann Arbor: UMI.

GRANTS

2019–2023. Social Network Analysis and Social Support Intervention for Rural Dwelling Older Adults with T2DM. National Institute of Diabetes and Digestive and Kidney Diseases. Two companion awards, $54,702 and $124,397. PI: B. L. T. Smalls. (Co-I)

2019–2022. Cryptocurrencies and New Spaces of Finance. National Science Foundation. $285,806. PI: M. Zook. (Co-I)

2018–2019. Together: Transforming and Translating Discovery to Improve Health (Using Social Networks to Map and Evaluate Team Science Across CTSA Hubs). University of Florida. $213,125. PI: P. A. Kern. (Co-I)

2015–2017. STTR: Semi-automated Processing of Interconnected Dyads using Entity Resolution (SPIDER). Charles River Analytics. $102,310. PI: A. M. Young. (Co-I)

2015. Culture, Legitimacy and Advantage: The Social Networks of Minorities in Three Indian Firms. Kalam Grant. $75,000. (Co-PI)

2013–2015. Rapid Ethnographic Assessment and Data Management Integration Toolkit (Phase II). Army Research Labs, STTR with Charles River Analytics. $226,000. (PI)

2012. A Study of Career Mobility and Employee Turnover at a Knowledge-based Firm. APJ Abdul Kalam India Studies Research Program, University of Kentucky. $74,997. (Co-PI)

2011–2016. Kentucky Center for Clinical and Translational Science. National Center for Advancing Translational Sciences. $3,819,715. PI: P. A. Kern. (Co-I)

2011–2016. Kentucky Center for Clinical and Translational Science. National Center for Research Resources. $3,539,422. PI: P. A. Kern. (Co-I)

2011–2012. Rapid Ethnographic Assessment and Data Management Integration Toolkit (Phase I). DARPA, STTR with Charles River Analytics. $51,960. (PI)

2011–2012. Cognitive and Relational Drivers of Organizational Action and Innovation. National Science Foundation. $485,553. (Co-PI)

2010–2012. Detection, Explanation, and Prediction of Emerging Network Developments (DEPEND). DARPA, subcontract through Charles River Analytics. $350,000. (PI)

2006–2010. Integrated Adversarial Network Theory. Defense Threat Reduction Agency. $450,000. (PI)

2005. Diversity and Social Capital: The Effect of Social Identity Salience and Network Structure on the Development of Negative Relationships. William T. Grant Foundation. $25,000. To support the dissertation research of Inga Carboni. (PI)

2005. Diversity and Social Capital: The Effect of Social Identity Salience and Network Structure on the Development of Negative Relationships. Research Expense Grant, Boston College. $2,000. (PI)

2004. Key Player Problem, Phase III. Office of Naval Research. $77,658 (total of $310,864 for the Key Player project). (PI)

2003. MKIDS: Dynamic Network Analysis under Uncertainty. Subcontract from Carnegie Mellon University (recipients of the MKIDS grant from the National Science Foundation). $124,000.

2003. Key Player Problem, Phase II. Office of Naval Research. $125,306.

2002. The Key Player Problem. Office of Naval Research. Grant #N000140211032. $107,900.

2000. Networking the "Invisible Colleges": Application of Network Theory to BioComplexity. National Science Foundation. $54,000 total (collaborative grant shared with East Carolina University). Co-PIs: J. C. Johnson, J. Luczkovich, R. Christian.

1993. Summer Institute for Research Methods in Cultural Anthropology. National Science Foundation, University of South Carolina. $210,274. (PI)

1990. Graphical Network Analysis Techniques. Venture Fund, University of South Carolina. $4,290. (PI)

1989. Structural Predictors of Student Outcomes. DPSCOR Fund, University of South Carolina. $3,750. (PI)

PROFESSIONAL ACTIVITIES

2022–present Co-Editor, *Connections*

2019–present Past President and Chair, Nominations Committee, International Network for Social Network Analysis (INSNA)

2018–present	Editorial Board, *Social Networks*
2016–2019	President, INSNA
2009–present	Associate Editor, *Journal of Supply Chain Management*
2009–2012	Editorial Board, *Administrative Science Quarterly*
2008–2020	Director, LINKS Center Annual Workshop
2004–2010	Senior Editor, *Organization Science*
2004	Editorial Board, *Organization Science*
2002–2006	Editorial Board, *Sociological Methodology*
2002–2005	Editorial Board, *Journal of Management*
2000–present	Editorial Board (and co-founding editor), *Field Methods*
2000–2004	Board of Directors, INSNA
2000–2004	Associate Editor, *Journal of Social Structure*
1998–present	Associate Editor, *Computational and Mathematical Organization Theory*
1997–2000	Editor, *Connections*
1996	Member, Academy of Management task force on handling the death of members
1993–1999	President, INSNA
1993–1999	Publisher, *Connections*, official journal of INSNA
1993–1996	Director, NSF Summer Institute for Research Methods in Cultural Anthropology
1992–1998	Publisher, *World Cultures Journal*
1989–1991	Treasurer, Society for Scientific Anthropology
1988–present	Founding co-editor, *Cultural Anthropology Methods Journal* (CAM), now *Field Methods*

COURSES TAUGHT

PhD Level	**MBA & EMBA Level**	**Undergraduate Level**
Qualitative Research Methods	Organizational Behavior	Organizational Theory
Social Network Analysis	Special topics in Org Beh: Social Networks	Introduction to Organizational Behavior
Advanced Seminar in Network Analysis	Organizational Network Analysis	Interpersonal Communication in Orgs.
	Social network analysis in HR	
Crit. Survey of Data Collection Methods		Personnel Research
Cultural Analysis		Introduction to Sociology
Seminar in Research Methods		Social Attitudes & Beliefs
Quantitative Methods		Social Networks
Measurement & Scaling		Introduction to Statistics
Loglinear Models		Groups at Work
Multivariate Statistics		

PhD Level	MBA & EMBA Level	Undergraduate Level
Managing People and Organizations		