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**~ 80,000 Google Scholar Citations**  
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### **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), U. of South Carolina, Columbia  
1989 - 1994 Assistant Professor of Sociology, University of South Carolina, Columbia  
1989 - 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. [now Information Resources Inc., Chicago]

- 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

## Books

- Borgatti, SP, Everett, MG, Johnson, JC., Agneessens, F. (accepted). *Analyzing Social Networks*. 3<sup>rd</sup> Edition. Sage Publications, UK
- 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
- Borgatti, SP, Everett, MG & Johnson, JC. (2018). *Analyzing Social Networks*. 2<sup>nd</sup> Edition. Sage Publications, UK
- Borgatti, SP, Everett, MG & Johnson, JC. 2013. *Analyzing Social Networks*. Sage Publications, UK [~ 3500 citations]

## Journal articles

- [revise & resubmit] Ling, J., Brands, R., Mehra, A., Brass, D., Borgatti, S.P. Gender, Structural Holes, and Change in Legitimacy: A Theory of Knowledge Use. *Academy of Management Discoveries*.
- Chen, H., Mehra, A., Tasselli, S., Borgatti, SP (2022). Network Dynamics and Organizations: A Review and Research Agenda. *Journal of Management*.
- Molina, Jose-Luis, Borgatti, S.P. (2021). Moral Bureaucracies and Social Network Research. *Social Networks*. Volume 67, October 2021, Pages 13-19.
- Everett, M.G. and Borgatti, S.P., 2020. Unpacking Burt's constraint measure. *Social Networks*, 62, pp. 50-57.
- Ofem, B., Arya, B., Ferrier, W.J. and Borgatti, S.P., 2020. Entrepreneurial Orientation, Collaborative Engagement, and Performance: Evidence From Rural Economic Development Organizations. *Economic Development Quarterly*,
- 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.
- 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). Briarcliff Manor, NY 10510: Academy of Management.

Grosser, T.J., Obstfeld, D., Labianca, G. and Borgatti, S.P., 2019. Measuring mediation and separation brokerage orientations: A further step toward studying the social network brokerage process. *Academy of Management Discoveries*, 5(2), pp.114-136. [pdf]

Borgatti, SP and Quintane, E. 2018. "Techniques: dichotomizing a network." *Connections*. 38(1):1-11

Weller, S., Vickers, B., Bernard, HR., Blackburn, A., Borgatti, S., Gravlee, C., Johnson, JC. (2018). "Open-ended interview questions and saturation". PLOS ONE. Pp 1/18. <https://doi.org/10.1371/journal.pone.0198606>.

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

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). Briarcliff Manor, NY 10510: Academy of Management.

Everett, M. G., Broccatelli, C., Borgatti, S., Koskinen, J. (2018). Measuring Knowledge and Experience in Two Mode Temporal Networks. *Social Networks*. 55: 63-73

Marineau, J.E., Labianca, G.J., Brass, D.J., Borgatti, S.P. and Vecchi, P., 2018. Individuals' power and their social network accuracy: A situated cognition perspective. *Social Networks*, 54, pp.145-161.

Grosser, T.J., Obstfeld, D., Choi, E., Woehler, M., Kidwell, V., Labianca, G., Borgatti, S.P. (2018) "A Sociopolitical Perspective on Employee Innovativeness and Job Performance: The Role of Political Skills and Network Structure." *Organization Science*. 29(4): 547-753

Agneessens, F., Borgatti, SP, Everett, MG. (2017). Geodesic based centrality: Unifying the local and the global. *Social Networks* 49:12-26.

Brandes, U., Borgatti, S., Freeman, L. (2016) Maintaining the Duality of Closeness and Betweenness Centrality Social Networks. *Social Networks* 44:153-159.

Parker, A., Halgin, DS, Borgatti, SP (2016). Dynamics of Social Capital: Effects of Performance Feedback on Network Change. *Organization Studies*. 37(3), pp.375-397.

Halgin, D.S., Gopalakrishnan, M.G., & Borgatti, S.P. (2015). Structure and agency in networked, distributed work: The role of work engagement. *American Behavioral Scientist* 59(4):457-474.

Borgatti, SP (2015). Review of FLAME software. *Field Methods*. Volume: 27 issue: 2, page(s): 199-205

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

Everett, MG and Borgatti, SP (2014). Networks Containing Negative Ties. *Social Networks*. 38:111–120.

Dhand, A., Harp, J. and Borgatti, S.P., 2014. Leadership in neurology: A social network analysis. *Annals of Neurology*, 75(3), pp.342-350.

Smith, J, Halgin, D, Kidwell, V, Labianca, G, Brass, D, Borgatti, SP. 2014. Power in politically charged networks. *Social Networks* 36:162– 176

Lopez-Kidwell, V., Grosser, T., Dineen, B., & Borgatti, S. (2013). What matters when: A multi-stage examination of factors contributing to job search effort. *Academy of Management Journal*. 56(6):1655-1678.

Rushmore, Julie; Caillaud, Damien; Matamba, Leopold; Stumpf, Rebecca; Borgatti, Steve; Altizer, Sonia. (2013). "Social network analysis of wild chimpanzees provides insights for predicting infectious disease risk." *Journal of Animal Ecology* 82(5): 976–986. Pre-publication manuscript

Halgin, D.S., Gopakumar, M., Borgatti, S.P. (in press). Voluntary Turnover in a Distributed Work Setting: An Examination of the Role of Spatial Proximity and Role Similarity in Project Affiliation Networks. *Proceedings of the Computer-Supported Cooperative Work Conference (CSCW 2013), February 23-27, 2013*.

Halgin, D.S., & Borgatti, S.P. 2012. An Introduction to Personal Network Analysis and Tie Churn Statistics using E-NET. *Connections* 32(1): 37-48.

*Reprinted and Translated as:* Halgin, D.S., & Borgatti, S.P. 2012. Introduzione alla personal network analysis e alle statistiche tie churn attraverso l'uso di E-NET. *Sociologia e Politiche Sociali*. Vol 2: 1-28. DOI: 10.3280/SP2012-002003

Everett, MG, and Borgatti, SP 2013. The dual-projection approach for two-mode networks. *Social Networks* 34(2):204-210. [[pdf](#)]

Everett, MG and Borgatti, SP. 2012. Categorical attribute based centrality: E–I and G–F centrality. *Social Networks* 34(4): 562–569

Li, J., Weeks, M., Clair, S., Borgatti, S. 2012. A Social Network Approach to Demonstrate the Diffusion and Change Process of Intervention from Peer Health Advocates to the Drug Using Community. *Substance Use & Misuse*, 47:474–490

Borgatti, S.P., Bernard, HR, Pelto, P, Ryan, G, DeJordy, R. 2012. The Camp '92 Dataset. *Connections* 32(1): 51-53.

Foster, P., Borgatti, S.P. and Jones, C. 2011. The contingent value of embeddedness: gatekeeper search in a local cultural market. *Poetics*. 39(4): 247-265.

- Kane, G. and Borgatti, S.P. 2011. Centrality–IS proficiency alignment and workgroup performance. *MIS Quarterly*. 35(4):1063-1078
- Borgatti, S.P. & Halgin, D.S. 2011. On Network Theory. *Organization Science*. September/October 2011 22(5):1168-1181. \*\*
- Sasovova, Z., Mehra, A., Borgatti, S.P., Schippers, 2010. M. Network Churn: The Effects of Self-Monitoring Personality on Brokerage Dynamics. *Administrative Science Quarterly* 55(4): 639-670
- Everett, MG & Borgatti, SP 2010. Induced, endogenous and exogenous centrality. *Social Networks*. 32(4): 339-344
- Jeffrey C. Johnson, Joseph J. Luczkovich, Stephen P. Borgatti, Tom A.B. Snijders. 2009. Using social network analysis tools in ecology: Markov process transition models applied to the seasonal trophic network dynamics of the Chesapeake Bay. *Ecological Modelling* 220: 3133-3140
- Borgatti, S.P., Mehra, A., Brass, D. and Labianca, G. 2009. Network Analysis in the Social Sciences. *Science*. Vol. 323. no. 5916, Feb 13, pp. 892 – 895. \*\*\*
- Borgatti, S.P., Li, X. 2009. "On network analysis in a supply chain context." *Journal of Supply Chain Management*. 45(2):5-22.
- Collins, S., Yassine, A., Borgatti, S. (2008) "Evaluating Product Development Systems Using Network Analysis," *Systems Engineering Journal*, 12(1): 55 – 68
- Y. Chen, G. Paul, R. Cohen, S. Havlin, S. P. Borgatti, F. Liljeros, and H. E. Stanley, 2007. "Percolation Theory and Fragmentation Measures in Social Networks", *Physica A* 378, 11-19.
- 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.
- Borgatti, S.P, and Carboni, I. 2007. Measuring individual knowledge in organizations. *Organizational Research Methods* 10(3): 449-462.
- DeJordy, Borgatti, Roussin and Halgin. 2007. Visualizing Proximity Data. *Field Methods* 19(3): 239-263.
- Borgatti, S. P. and Everett, M.G. 2006. A graph-theoretic perspective for classifying centrality measures. *Social Networks* 28(4): 466-484. \*\*
- Borgatti, S.P., Carley, K., and Krackhardt, D. 2006. Robustness of Centrality Measures under Conditions of Imperfect Data. *Social Networks* 28: 124–136.
- Borgatti, S.P. 2006. Identifying sets of key players in a network. *Computational, Mathematical and Organizational Theory*. 12(1): 21-34. \*\*
- Borgatti, S.P. and Molina, J.L. 2005. Toward ethical guidelines for network research in organizations. *Social Networks*. 27(2): 107-117.

- Everett, M.G., and Borgatti, S.P. 2005. Ego-Network Betweenness. *Social Networks*. 27(1): 31-38.
- Borgatti, S.P. 2005. Centrality and network flow. *Social Networks*. 27(1): 55-71. \*\*\*
- Hartwell, J.K, Barnett, R.C. and Borgatti, S. (2004) Medical managers' beliefs about reduced-hour physicians. *Journal of Health Organization and Management* 18(4): 262-278.
- Borgatti, S.P. and Foster, P. 2003. The network paradigm in organizational research: A review and typology. *Journal of Management*. 29(6): 991-1013. \*\*\*
- Borgatti, S.P. and Molina, J-L. 2003. Ethical and strategic issues in organizational network analysis. *Journal of Applied Behavioral Science*. 39(3): 337-349.
- Stevenson, W. S., Bartunek, J. M., and Borgatti, S. P. 2003. Front and backstage processes of an organizational restructuring effort. *Journal of Applied Behavioral Science*. 39(3): 243-258.
- Luczkovich, J.J., Borgatti, S.P., Johnson, J.C. and Everett, M.G. 2003. Defining and Measuring Trophic Role Similarity in Food Webs Using Regular Equivalence, *Journal of Theoretical Biology*. 220(3): 303-319.
- Borgatti, S.P. and Cross, R. 2003. A Relational View of Organizational Learning. *Management Science*. 49(4): 432-445. \*\*\*
- Nyblom, J., Borgatti, S., Roslakka, J., and Salo, M. 2003. Statistical analysis of network data: An application to diffusion of innovation. *Social Networks*. 25 (2003) 175–195.
- Weeks, M.R., Clair, S., Borgatti, S.P., Radda, K., and Schensul, J.J. 2002. Social networks of drug users in high risk sites: Finding the connections. *AIDS and Behavior* 6(2): 193-206.
- Cross, R., Borgatti, S.P. & Parker, A., 2002. Making Invisible Work Visible: Using Social Network Analysis to Support Strategic Collaboration. *California Management Review*. 44(2): 25-46. \*\*
- Borgatti, S.P. 2002. A Statistical Method for Comparing Aggregate Data Across *a priori* Groups. *Field Methods* 14(1): 88-107.
- Cross, R., Parker, A., Prusak, L. & Borgatti, S.P. 2001. Knowing What We Know: Supporting Knowledge Creation and Sharing in Social Networks. *Organizational Dynamics* 30(2): 100-120. \*\*\*
- Cross, R., Borgatti, S.P., & Parker, A. 2001. Beyond Answers: Dimensions of the Advice Network. *Social Networks* 23(3): 215-235.
- Johnson, J., Borgatti, SP, Luczkovich, J. & Everett, M.G. 2001. Network Role Analysis in the Study of Food Webs: An application of regular role coloration. *Journal of Social Structure*. 2(3): 1-15.
- 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.
- Borgatti, S.P. and Everett, M.G. 1999. Models of Core/Periphery Structures. *Social Networks* 21: 375-395. \*\*\*
- Everett, M.G. and Borgatti, S.P. 1999. Peripheries of Cohesive Subsets. *Social Networks* 21: 397-407.
- Everett, M. G., & Borgatti, S. P. 1999. The centrality of groups and classes. *Journal of Mathematical Sociology*. 23(3): 181-201.
- Snijders, T.A.B. and Borgatti, S.P. 1999. Non-parametric standard errors and tests for network

statistics. *Connections*, 22(2): 61-70.

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

Everett, M. G., & Borgatti, S. P. 1998. Analyzing clique overlap. *Connections*, 21(1): 49-61.

Jones, C., Hesterley, 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. 1998. Saliency counts and so does accuracy: Correcting and updating a measure for free-list-item saliency. *Journal of Linguistic Anthropology*, 7(2): 208-209.

Jones, C., Hesterly, W. S., & Borgatti, S. P. 1997. A general theory of network governance: Exchange conditions and social mechanisms. *Academy of Management Review*, 22(4): 911-945. \*\*\*

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

Borgatti, S. P. 1994. A quorum of graph theoretic concepts. *Connections* 17(1): 47-49.

Everett, M.G., & Borgatti, S. P. 1994. Regular equivalence: General theory. *Journal of Mathematical Sociology*, 19(1): 29-52.

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

Borgatti, S. P. 1994. Cultural domain analysis. *Journal of Quantitative Anthropology*, 4: 261-278.

Borgatti, S. P., & Everett, M. G. 1994. Ecological and perfect colorings. *Social Networks*, 16: 43-55.

Borgatti, S. P., & Everett, M. G. 1993. Two algorithms for computing regular equivalence. *Social Networks*, 15: 361-376.

Everett, M. G., & Borgatti, S. P. 1993. An extension of regular colouring of graphs to digraphs, networks and hypergraphs. *Social Networks*, 15: 237-254.

- Stanton, B., Aronson, R., Borgatti, S. P., Galbraith, J., Feigelman, S., and the AIDS Youth Research Team. 1993. Urban adolescent high-risk sexual behavior: Corroboration of focus group discussions through pile-sorting. *AIDS Education and Prevention*, 5(2): 162-174.
- Borgatti, S. P., Everett, M. G., and Freeman, L. C. 1992. Ucinet IV: Network analysis software. *Connections* 15:12-15.
- Borgatti, S. P., & Everett, M. G. 1992. Graph colorings and power in experimental exchange networks. *Social Networks*, 14: 287-308.
- Borgatti, S. P., & Everett, M. G. 1992. Notions of position in social network analysis. *Sociological Methodology*, 22: 1-35.
- Borgatti, S. P., & Everett, M. G. 1992. Regular blockmodels of multiway, multimode matrices. *Social Networks*, 14: 91-120.
- Borgatti, S. P. 1992. Special issue on blockmodels: Introduction. *Social Networks*, 14: 1-3.
- Freeman, L. C., Borgatti, S. P., & White, D. R. 1991. Centrality in valued graphs: A measure of betweenness based on network flow. *Social Networks*, 13(2): 141-154. \*\*
- Everett, M. G., & Borgatti, S. P. 1991. Role colouring a graph. *Mathematical Social Sciences*, 21: 183-188.
- Borgatti, S. P., Everett, M. G., & Shirey, P. 1990. LS sets, lambda sets and other cohesive subsets. *Social Networks*, 12: 337-357.
- Everett, M. G., & Borgatti, S. P. 1990. A note on juncture homomorphisms. *Social Networks*, 12:385-389.
- Everett, M. G., & Borgatti, S. P. 1990. A testing example for positional analysis techniques. *Social Networks*, 12: 253-260.
- Everett, M. G., Boyd, J. P., & Borgatti, S. P. 1990. Ego-centered and local roles: A graph theoretic approach. *Journal of Mathematical Sociology*, 15(3-4): 163-172.
- Borgatti, S. P. 1990. Using ANTHROPAC to investigate a cultural domain: Part 3 CAM Journal 2(3):10-10.
- Borgatti, S. P. 1990. Using ANTHROPAC to investigate a cultural domain: Part II. CAM Journal 2(1):8-8.
- Everett, M. G., and Borgatti, S. P. 1990. Any colour you like it. *Connections* 13:19-22.
- Borgatti, S. P. 1989 Using ANTHROPAC to investigate a cultural domain. CAM Journal 1(2):11.
- Borgatti, S. P., Boyd, J. P., & Everett, M. G. 1989. Iterated roles: Mathematics and application. *Social Networks*, 11: 159-172.
- Borgatti, S. P., & Everett, M. G. 1989. The class of all regular equivalences: Algebraic structure and computation. *Social Networks*, 11: 65-88.
- Borgatti, S. P. 1988. A comment on Doreian's regular equivalence in symmetric structures. *Social Networks*, 10: 265-271.
- Everett, M. G., & Borgatti, S. P. 1988. Calculating role similarities: An algorithm that helps determine the orbits of a graph. *Social Networks*, 10: 77-91.
- Borgatti, S. P. 1988 "NETPAC version 1." *Connections* 11:44-50.



## Chapters

- Borgatti, S., Halgin, D. S. 2021. On J. Clyde Mitchell's 'The Concept and Use of Social Networks. In *Personal Networks: Classic Readings and New Directions in Ego-Centric Analysis*. Cambridge University Press.
- Borgatti, S.P. and Everett, M.G., 2020. Three Perspectives on Centrality. In Light, R. and Moody, J. (Eds.) *The Oxford Handbook of Social Networks*, p.334-345.
- Borgatti, S.P. and Brass, D.J., 2019. Centrality: Concepts and Measures. In *Social Networks at Work* (pp. 9-22). Routledge.
- Brass, D.J. and Borgatti, S.P., 2019. A Brief Primer on Social Network Analysis. *Social Networks at Work*. Routledge.
- Everett, M.G. and Borgatti, S.P., 2019. Partitioning multimode networks. *Advances in network clustering and blockmodeling*, pp.251-265.
- Brass, D. and Borgatti, S.P. 2018. "Multilevel Thoughts on Social Networks." in Stephen E. Humphrey, James M. LeBreton (eds). *The Handbook of Multilevel Theory, Measurement, and Analysis*. American Psychological Association.
- Russ Bernard, Elisa Bienenstock, Steve Borgatti, Ulrik Brandes, Ron Burt, Carter Butts, Pat Doreian, Tom Fararo, Katie Faust, Jeff Johnson, Alaina Michaelson Kanfer, David Krackhardt, John Skvoretz, Barry Wellman, E. 2018. "A collection of tributes to Linton C. Freeman." *Connections*. 38(1):1-11
- Julie E. Ferguson, Peter Groenewegen, Christine Moser, Stephen P. Borgatti, John W. Mohr. 2017. "Structure, Content, and Meaning of Organizational Networks: Extending Network Thinking, Introduction" In *Structure, Content and Meaning of Organizational Networks: Extending Network Thinking*. *Research in the Sociology of Organizations*, Volume 53, 1.15
- Borgatti, S.P. 2017. What Can Political Science Learn from Business and Management?: An Interview with Stephen P. Borgatti. In Victor, J.N., Montgomery, A.H. and Lubell, M. eds., 2017. *The Oxford Handbook of Political Networks*. Oxford University Press. [[pdf](#)] [[book](#)]
- Ferguson, J., Groenewegen, P., Moser, C., Borgatti, S., Mohr, J. (2017). Structure, Content and Meaning of Organizational Networks: Extending Network Thinking, Introduction. *Structure, Content and Meaning of Organizational Networks* (vol. 53, pp. 1-15). In Groenewegen, P., Ferguson, J., Moser, C., Mohr, J., Borgatti, S. (2017). *Structure, Content and Meaning of Organizational Networks*. *Research in the Sociology of Organizations*. (vol. 53, pp. 1-15)
- Kilduff, M., Mehra, A., Gioia, D.A.D. and Borgatti, S., 2017. Brokering Trust to Enhance Leadership: A Self-Monitoring Approach to Leadership Emergence. In *Knowledge and Networks* (pp. 221-240). Volume 11 of the series Knowledge and Space. Springer International Publishing.
- Borgatti, S.P., Brass, D.J., Halgin, D.S. 2014. Social network research: Confusions, criticisms, and controversies. In Daniel J. Brass, Giuseppe (Joe) Labianca, Ajay Mehra, Daniel S. Halgin, and Stephen P. Borgatti (Eds.) *Contemporary Perspectives on Organizational Social Networks*. *Research in the Sociology of Organizations*. Emerald.
- Obstfeld, D., Borgatti, S., & Davis, J. 2014. Brokerage as a process: Decoupling third party action from social network structure. In Daniel J. Brass, Giuseppe (Joe) Labianca, Ajay Mehra, Daniel S. Halgin, and Stephen P. Borgatti (Eds.) *Contemporary Perspectives on Organizational Social Networks*. *Research in the Sociology of Organizations*. Emerald.
- Mehra, A., Borgatti, S.P., Soltis, S., Floyd, T., Ofem, B., Halgin, D.S., & Kidwell-Lopez, V. 2014. Imaginary worlds: Using visual network scales to capture perceptions of social networks.

- In Daniel J. Brass, Giuseppe (Joe) Labianca, Ajay Mehra, Daniel S. Halgin, and Stephen P. Borgatti (Eds.) *Contemporary Perspectives on Organizational Social Networks*. Research in the Sociology of Organizations. Emerald.
- Halgin, D.S., Gopakumar, M. G., Borgatti, S.P. 2013. Voluntary turnover in a distributed work setting: An examination of the role of spatial propinquity and role similarity in project affiliation networks. *ACM Proceedings of the Computer-Supported Cooperative Work Conference (CSCW 2013)*, February 23-27, 2013.
- Borgatti, SP and Grosser, T. (forthcoming) Structural Equivalence: Meaning and Measures. *The International Encyclopedia of Social and Behavioral Sciences, 2nd Edition*. Elsevier.
- Grosser, T, and Borgatti, SP (forthcoming). Network Theory/Social Network Analysis; *Theory in Social and Cultural Anthropology*; R. Jon McGee, Richard L. Warm
- Ofem, B., Floyd, T., Borgatti, SP (2012). The Social Network Approach to Understanding Organizational Phenomena. In D.D. Caulkins, A. Jordan (Eds.), *Companion to Organizational Anthropology*. Blackwell.
- Borgatti, S.P. and Halgin, D. 2012. Mapping Culture: Elicitation Methods for Cultural Domain Analysis - Revised. in J. Schensul & M. LeCompte (Eds). *Ethnographer's Toolkit, Second Edition, Volume 3*. Walnut Creek: Altamira Press.
- Borgatti, S.P. and Halgin, D. 2011. "Consensus Analysis". In Kronenfeld, D. and DeMunck, V. (eds) In *Blackwell's Companion to Cognitive Anthropology*. Blackwell.
- Borgatti, S.P. and Kidwell, V. 2011. "Network Theory". In Carrington, P. and Scott, J. (eds) In *The Sage Handbook of Social Network Analysis*. Sage Publications
- Borgatti, S.P. and Halgin, D. 2011. "Analyzing Affiliation Networks". In Carrington, P. and Scott, J. (eds) In *The Sage Handbook of Social Network Analysis*. Sage Publications
- Mehra, A., Borgatti, S.P., Brass, D., Labianca, G. 2010. "The Social Network Perspective". In Stanley D. Brunn (Ed.) *Engineering Earth: The Impacts of Megaengineering Projects*. Dordrecht, The Netherlands: Springer Science+Business Media
- Borgatti, S. P., & Ofem, B. 2010. Overview: Social network theory and analysis. In A. J. Daly (Ed.), *The ties of change: Social network theory and application in education*. (pp. 17-30). Cambridge, MA: Harvard Press
- 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.
- Everett, M.G. and Borgatti, S.P. 2005. Extending centrality. Chapter in Carrington, P., Scott, J., Wasserman, S (Eds.) *Models and Methods in Social Network Analysis*. Cambridge University 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 Academy of Sciences Press.
- Everett, M.G. and Borgatti, S.P. 2002. Computing regular equivalence: Practical and Theoretical Issues. *Metodoloski zvezki*, Andrej Mrvar and Anuska Ferliigoj (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.

### Other publications

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). Briarcliff Manor, NY 10510: 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*.

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.

Borgatti, SP and Grosser, T. (forthcoming) Structural Equivalence: Meaning and Measures. *The International Encyclopedia of Social and Behavioral Sciences*, 2nd Edition. Elsevier

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

Grosser, T.J., & Borgatti, S.P. (forthcoming). Network theory/social network analysis. In J.R. McGee and R.L Warms (Eds.), *Theory in Social and Cultural Anthropology: An Encyclopedia*. Thousand Oaks, CA: Sage.

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

Huang, Z., Borgatti, S.P. 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

Start: January 1, 2019, End: December 31, 2023. Smalls, B. L. T. (Principal), Borgatti, S. (Co-Investigator), Moser, D. K. (Co-Investigator), Pearce, K. A. (Co-Investigator), Schoenberg, N. E. (Co-Investigator), 201908261050, "Social Network Analysis and Social Support Intervention for Rural Dwelling Older Adults with T2DM," National Institute Diabetes & Digestive & Kidney, \$54702.00,

Start: January 1, 2019, End: December 31, 2023. Smalls, B. L. T. (Principal), Borgatti, S. (Co-Investigator), Moser, D. K. (Co-Investigator), Pearce, K. A. (Co-Investigator), Schoenberg, N. E. (Co-Investigator), 201803041144, "Social Network Analysis and Social Support Intervention for Rural Dwelling Older Adults with T2DM," National Institute Diabetes & Digestive & Kidney, \$124397.00. [companion grant to the above]

Start: May 15, 2019, End: October 31, 2022. Zook, M. (Principal), Borgatti, S. (Co-Investigator), 201808310958, "Cryptocurrencies and New Spaces of Finance," National Science Foundation, \$285806.00

Start: July 1, 2018, End: June 30, 2019. Talbert, J. C. (Co-Investigator), Zhang, G.-Q. (Co-Investigator), Kern, P. A. (Principal), Borgatti, S. (Co-Investigator), Harris, D. R. (Co-Investigator), Labianca, J. (Co-Investigator), 201702232024, "Together: Transforming and Translating Discovery to Improve Health (Using Social Networks to Map and Evaluate Team Science Across CTSA Hubs)," University of Florida, \$213125.00.

Start: September 9, 2015, End: March 8, 2017. Young, A. M. (Principal), Borgatti, S. (Co-Investigator), Crosby, R. A. (Co-Investigator), Havens, J. R. (Co-Investigator), 201412111446, "STTR: Semi-automated Processing of Interconnected Dyads using Entity Resolution (SPIDER)," Charles River Analytics Incorporated, \$102310.002015-2016.

Start: June 1, 2011, End: February 29, 2016. Kirschling, J. M. (Co-Investigator), Kern, P. A. (Principal), Bathke, A. (Co-Investigator), Borgatti, S. (Co-Investigator), Bush, H. M. (Co-Investigator), Campbell, K. S. (Co-Investigator), Charnigo, R. (Co-Investigator), Crofford, L. J.

(Co-Investigator), Curry, T. E. (Co-Investigator), Daugherty, A. (Co-Investigator), Dignan, M. B. (Co-Investigator), Dwoskin, L. P. (Co-Investigator), Ebersole, J. L. (Co-Investigator), Esser, K. A. (Co-Investigator), Evers, B. Mark (Co-Investigator), Gerhardt, G. A. (Co-Investigator), Grulke, E. A. (Co-Investigator), Hahn, E. J. (Co-Investigator), Johnson, T. R. (Co-Investigator), Kavuluru, V. N. R. (Co-Investigator), Kelly, T. H. (Co-Investigator), Kim, S. (Co-Investigator), Kryscio, R. (Co-Investigator), Leukefeld, C. G. (Co-Investigator), Means, R. T. (Co-Investigator), Nelson, P. T. (Co-Investigator), Pearce, K. A. (Co-Investigator), Peterson, C. A. (Co-Investigator), Piercy, J. A. (Co-Investigator), Raisler, B. J. (Co-Investigator), Rayens, M. K. (Co-Investigator), Sawaya, B. P. (Co-Investigator), Schoenberg, N. E. (Co-Investigator), Selwitz, A. S. (Co-Investigator), Smyth, S. S. (Co-Investigator), Steltenkamp, C. L. (Co-Investigator), Stone, R. F. (Co-Investigator), Stromberg, A. (Co-Investigator), Studts, C. R. (Co-Investigator), Supinski, G. (Co-Investigator), Talbert, J. C. (Co-Investigator), Tarnowski, T. A. (Co-Investigator), Thorson, J. S. (Co-Investigator), Tracy, T. S. (Co-Investigator), Vore, M. (Co-Investigator), Weaver, A. D. (Co-Investigator), Wyatt, S. W. (Co-Investigator), Yang, L. (Co-Investigator), 201209051537, "Kentucky Center for Clinical and Translational Science," National Center for Advancing Translational Sciences, \$3819715.00

2015 "Culture, Legitimacy and Advantage: The Social Networks of Minorities in Three Indian Firms". Kalam grant. **\$75K**. (CO-PI)

Start: June 1, 2011, End: February 29, 2016. Bachas, L. (Co-Investigator), Blechner, M. D. (Co-Investigator), Coker, A. L. (Co-Investigator), Conigliaro, J. (Co-Investigator), Foster, T. S. (Co-Investigator), Herberth, J. (Co-Investigator), Lennie, T. A. (Co-Investigator), McNamara, P. J. (Co-Investigator), Rapp, D. A. (Co-Investigator), Smart, E. J. (Co-Investigator), Truszczynski, M. (Co-Investigator), Walker, J. R. (Co-Investigator), Yokel, R. A. (Co-Investigator), Stinchcomb, A. L. (Co-Investigator), Kern, P. A. (Principal), Ambati, J. (Co-Investigator), Anderson, B. D. (Co-Investigator), Andrykowski, M. A. (Co-Investigator), Bardo, M. (Co-Investigator), Bathke, A. (Co-Investigator), Borgatti, S. (Co-Investigator), Bush, H. M. (Co-Investigator), Butterfield, D. (Co-Investigator), Casey, B. R. (Co-Investigator), Cassis, L. A. (Co-Investigator), Charnigo, R. (Co-Investigator), Cibull, M. L. (Co-Investigator), Crofford, L. J. (Co-Investigator), Crooks, P. A. (Co-Investigator), Daugherty, A. (Co-Investigator), Davenport, D. L. (Co-Investigator), deBeer, F. C. (Co-Investigator), Dignan, M. B. (Co-Investigator), Durbin, E. B. (Co-Investigator), Dwoskin, L. P. (Co-Investigator), Ebersole, J. L. (Co-Investigator), Esser, K. A. (Co-Investigator), Evers, B. Mark (Co-Investigator), Fink, J. L. (Co-Investigator), Ge, T. (Co-Investigator), Gerhardt, G. A. (Co-Investigator), Grulke, E. A. (Co-Investigator), Hahn, E. J. (Co-Investigator), Hall, E. D. (Co-Investigator), Harvey, D. E. (Co-Investigator), Havens, J. R. (Co-Investigator), Heller, L. (Co-Investigator), Hersh, L. B. (Co-Investigator), Hirschowitz, E. A. (Co-Investigator), Holsapple, C. (Co-Investigator), Huber, J. T. (Co-Investigator), Jicha, G. A. (Co-Investigator), Johnson, T. R. (Co-Investigator), Kelly, T. H. (Co-Investigator), Kim, S. (Co-Investigator), Kraman, S. S. (Co-Investigator), Kryscio, R. (Co-Investigator), Leukefeld, C. G. (Co-Investigator), Liu, J. (Co-Investigator), Logan, T. (Co-Investigator), Means, R. T. (Co-Investigator), Moser, D. K. (Co-Investigator), Norton, J. C. (Co-Investigator), Novak, M. J. (Co-Investigator), Pearce, K. A. (Co-Investigator), Peterson, C. A. (Co-Investigator), Peterson, M. L. (Co-Investigator), Pettigrew, L. C. (Co-Investigator), Pfeifle, A. L. (Co-Investigator), Piercy, J. A. (Co-Investigator), Pulliam, J. F. (Co-Investigator), Rayens, M. K. (Co-Investigator), Reid, M. B. (Co-Investigator), Rosenthal, M. Sara (Co-Investigator), Rush, C. R. (Co-Investigator), Sawaya, B. P. (Co-Investigator), Schardl, C. L. (Co-Investigator), Schoenberg, N. E. (Co-Investigator), Scutchfield, F. D. (Co-Investigator), Selwitz, A. S. (Co-Investigator), Smith, C. D.

(Co-Investigator), Smyth, S. S. (Co-Investigator), Sprang, M. V. (Co-Investigator), St. Clair, D. K. (Co-Investigator), Steinke, D. (Co-Investigator), Steltenkamp, C. L. (Co-Investigator), Stratton, T. D. (Co-Investigator), Stromberg, A. (Co-Investigator), Supinski, G. (Co-Investigator), Talbert, J. C. (Co-Investigator), Tarnowski, T. A. (Co-Investigator), Tracy, T. S. (Co-Investigator), Tucker, T. C. (Co-Investigator), Van Eldik, L. J. (Co-Investigator), Van Zant, G. (Co-Investigator), Vore, M. (Co-Investigator), Walsh, S. L. (Co-Investigator), Weaver, A. D. (Co-Investigator), Wermeling, D. P. (Co-Investigator), Wilson, E. A. (Co-Investigator), Wyatt, S. W. (Co-Investigator), Zwischenberger, J. B. (Co-Investigator), 201010200903, "Kentucky Center for Clinical and Translational Science," National Center for Research Resources, \$3539422.00

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)

2011-2012. 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. NSF. **\$485,553.** (co-PI)

2010-2012. Detection, Explanation, and Prediction of Emerging Network Developments (DEPEND). **\$350,000.** DARPA. Sub-contract through *Charles River Analytics*. (PI)

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

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

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

2003. MKIDS: Dynamic Network Analysis under Uncertainty. **\$124,000** sub-contract from Carnegie-Mellon, recipients of MKIDS grant from National Science Foundation.

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

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

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

1993. Summer Institute for Research Methods in Cultural Anthropology. **\$210,274.** National Science Foundation. PI. U. of South Carolina.

1990. Graphical Network Analysis Techniques. **\$4,290**. Venture Fund, U. of South Carolina. PI  
1989. Structural Predictors of Student Outcomes. **\$3,750**. DPSCOR Fund, U. of South Carolina.  
PI.

### **Professional activities**

2018-present Editorial Board, *Social Networks*  
2019-2022 Past President and Elections officer, *International Network for Social Network Analysis (INSNA)*  
2016-2019 President, *International Network for Social Network Analysis (INSNA)*  
2009-present Assoc. Editor, *Journal of Supply Chain Management*  
1998-present Assoc. Editor, *Journal of Computational and Mathematical Organizational Theory*  
2000-present Editorial Board (and co-founding editor), *Field Methods*  
2000-2004 Board of Directors, INSNA  
2009-2012 Editorial Board, *Administrative Science Quarterly*  
2004-2010 Senior Editor, *Organization Science*  
2004-2004 Editorial Board, *Organization Science*  
2002-2005 Editorial Board, *Journal of Management*  
2002-2006 Editorial Board, *Sociological Methodology*  
2000-2004 Associate Editor, *Journal of Social Structure*  
1997-2000 Editor, *CONNECTIONS*  
1996 Member, Academy of Management task force on handling the death of members  
1993-1999 President, International Network for Social Network Analysis (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*  
1988-present Founding co-editor, *Cultural Anthropology Methods Journal (CAM)*, now *Field Methods*  
1989-1991 Treasurer, Society for Scientific Anthropology

## Courses taught

### *PhD Level*

Qualitative Research Methods  
Social Network Analysis  
  
Advanced Seminar in Network  
Analysis  
Crit. Survey of Data Collection  
Methods  
Cultural Analysis  
Seminar in Research Methods  
Quantitative Methods  
Measurement & Scaling  
Loglinear Models  
Multivariate Statistics  
Managing People and  
Organizations

### *MBA & EMBA Level*

Organizational Behavior  
Special topics in Org Beh:  
Social Networks  
  
Organizational Network  
Analysis

### *Undergraduate Level*

Organizational Theory  
Introduction to Organizational  
Behavior  
Interpersonal Communication in  
Orgs.  
Personnel Research  
  
Introduction to Sociology  
Social Attitudes & Beliefs  
Social Networks  
Introduction to Statistics  
Groups at Work