

Social Network Field Exam Reading List
Department of Sociology
University of California, Irvine
August 10, 2004

I. Classical Works

- Blau, Peter M. 1964/1986 *Exchange and Power in Social Life*. New Brunswick: Transaction Books.
- Hagerstrand, T. 1967. *Innovation Diffusion as a Spatial Process*. Chicago: University of Chicago Press.
- Homans, George C. 1950. *The Human Group*. New York: Harcourt Brace.
- Lévi-Strauss, Claude. 1949. *The Elementary Structures of Kinship*. Boston: Beacon Press.
- Moreno, Jacob. 1953. *Who Shall Survive?: Foundations of Sociometry, Group Psychotherapy, and Sociodrama*. Beacon, N.Y.: Beacon House. (First 4 chapters)
- Nadel, Siegfried. F. 1957. *The Theory of Social Structure*. Glencoe, Ill.: Free Press.
- Pool, Ithiel de Sola and Manfred Kochen. 1978. "Contacts and influence." *Social Networks* 1: 5-51.
- Radcliffe-Brown, A. R. 1940. "On social structure." *Journal of the Royal Anthropological Society of Great Britain and Ireland*. 70:1-12.
- Simmel, Georg. 1955. *Conflict and the Web of Social Affiliations*. Translated by Kurt Wolff. New York: Free Press.

II. Contemporary Theoretical Issues

- Burt, Ronald. 1992. *Structural Holes: The Social Structure of Competition*. Cambridge, MA: Harvard.
- Erickson, Bonnie. 1988. "The Relational Basis of Attitudes." Pp. 99 – 121 in *Social Structures A Network Approach*, edited by Barry Wellman and Steve D. Berkowitz. Cambridge: Cambridge University Press.
- Fararo, T. *Mathematical Sociology*. New York: Wiley Interscience. Chapter on Equivalence.
- Granovetter, Mark S. 1973 "The strength of weak ties." *American Journal of Sociology* 78:1360-1380.
- Granovetter, Mark. 1985. "Economic action and social structure: The problem of embeddedness." *American Journal of Sociology*, 91(3):481-510.

III. Social Network Methodology

- Borgatti, Steve and Martin Everett. 1992. The notion of position in social network analysis." In Marsden, Peter (ed.) *Sociological Methodology 1992*. London: Basil Blackwell.
- Breiger, Ronald. 1974. "The duality of persons and groups." *Social Forces*. 53:191-190.
- Cartwright, D. and Frank Harary. 1979. Balance and clusterability: An overview. In Holland, P.W. and Leinhardt, S. (eds.), *Perspectives on Social Network Research*, pages 25-50. New York: Academic Press.
- Davis, James. 1967. "Clustering and structural balance in graphs." *Human Relations*. 20:181-187.

Freeman, Linton. 1978. "Centrality in social networks: conceptual clarification." *Social Networks*, 1:215-239.

Lorrain, François and Harrison White. 1971. Structural equivalence of individuals in social networks. *Journal of Mathematical Sociology*. 1:49-80.

Valente, Thomas W. 1995. *Network Models of the Diffusion of Innovations*. Cresskill, NJ: Hampton Press.

Wasserman, Stanley and Katherine Faust. 1994. *Social Network Analysis: Methods and Applications*. Cambridge ENG: Cambridge University Press.

White, Harrison, Boorman, S.A. and Brieger, R.L. 1976. "Social structure from multiple networks. I: Blockmodels of roles and positions." *American Journal of Sociology*. 81:730-779.

IV. Measurement and Data Collection

Bernard, H. Russell, Peter Killworth, David Kronenfeld, and Lee Sailer. 1984. "The problem of informant accuracy: The validity of retrospective data." *Annual Review of Anthropology*, 13:495-517.

Freeman Linton. C., A. K. Romney and S. C. Freeman. 1987. "Cognitive structure and informant accuracy." *American Anthropologist*, 89:311-325.

Killworth, Peter D. and H. Russell Bernard. 1978/79. "The reverse small-world experiment." *Social Networks*, 1:159-192.

Korte, Charles and Stanley Milgram. 1970. "Acquaintance networks between racial groups: Application of the small world method." *Journal of Personality and Social Psychology*, 15:101-108.

Travers, Jeffrey and Stanley Milgram. 1969. "An experimental study of the small world problem." *Sociometry* 32(4):425-443.

V. Critiques and Reviews of Social Networks

Emirbayer, Mustafa and Jeff Goodwin. 1994. "Network Analysis, Culture and the Problem of Agency." *American Journal of Sociology* 99: 1411-54.

Freeman, Linton C. 2004. *The Development of Social Network Analysis: A Study in the Sociology of Science*. Vancouver, BC: Empirical Press.

VI. Applications of Social Networks

A. Network Processes and Diffusion

Chase, Ivan. 1980. "Social processes and hierarchy formation in small groups: A comparative perspective." *American Sociological Review*. 45:905-924.

Cohen S., Doyle W.J., Skoner D.P., Rabin B.S., Gwaltney J.M. 1997. "Social ties and susceptibility to the common cold." *Journal of the American Medical Association*. 277:1940-1944.

Coleman, James, Elihu Katz, and Herbert Menzel. 1957. "The Diffusion of an Innovation Among Physicians." *Sociometry*, 20(4):253-270.

Granovetter, Mark. 1974/1995. *Getting a Job: A Study of Contacts and Careers*. 2nd edition. Chicago: University of Chicago Press.

Leavitt, Harold J. 1951. "Some effects of certain communication patterns on group performance." *Journal of Abnormal and Social Psychology*, 46:38-50.

B. Economic Networks and Organizations

Baker, Wayne E. 1984. "The Social Structure of a National Securities Market." *American Journal of Sociology*. 89 (4): 775-811.

Galaskiewicz, J. and S. Wasserman. 1989. "Mimetic Processes within an Interorganizational Field – An Empirical Test." *Administrative Science Quarterly*. 34 (3): 454-479.

Powell, W.W. 1990 "Neither Market nor Hierarchy – Network Forms of Organization." *Research in Organizational Behavior*. 12: 295-336.

Powell, Walter and Laurel Smith-Doerr. 1994. "Networks and Economic Life." Pp. 368-402 in *The Handbook of Economic Sociology*, edited by Neil Smelser and Richard Swedberg. New York: Russell Sage.

Uzzi, B. 1996 "The sources and consequences of embeddedness for the economic performance of organizations: The network effect." *American Sociological Review*. 61 (4): 674-698.

C. Political Networks

Barnes, J.A. 1969. "Networks and Political Process." Pp. 51-76 in *Social Networks in Urban Situations*, edited by J. Clyde Mitchell. Manchester, England: Manchester University Press.

Knoke, David. 1990. *Political Networks: The Structural Perspective*. Cambridge ENG: Cambridge University Press.

Laumann, Edward and Frans Pappi. 1976. *Networks of Collective Action: A Perspective on Community Influence Systems*. New York: Academic Press.

Padgett, John F. and Christopher Ansell. 1993. "Robust Action and the Rise of the Medici, 1400-1434." *American Journal of Sociology*. 98:1259-1319.

D. Population and Immigration

Bongaarts, John, and Susan Cotts Watkins, 1996. "Social Interactions and Contemporary Fertility Transitions." *Population and Development Review* 22: 639-682.

Massey, Douglas S. et al. 1987. *Return to Aztlan: The Social Process of International Migration from Western Mexico*. Berkeley: University of California Press.

E. Personal Networks and Social Support

Blau, Peter M., Danching Ruan, and M. Ardelt. 1991. "Interpersonal choice and networks in China." *Social Forces*. 69: 1037-1062.

Bott, Elizabeth. 1955. "Urban families: Conjugal roles and social networks." *Human Relations* 8:345-383.

Fischer, Claude. *To Dwell Among Friends: Personal Networks in Town and City*. Chicago: University of Chicago Press.

Lee, Nancy Howell, 1969. *The Search for an Abortifacient*. Chicago: University of Chicago Press.

Marsden, Peter. 1987. "Core discussion networks of Americans." *American Sociological Review* 52:122-131.

Stack, Carol. 1974. *All Our Kin*. New York: Basic Books.

Wellman, Barry and Kenneth A. Frank. 2001. "Network capital in a multilevel world: Getting support from personal communities." Chapter 10, pages 233-273 in Nan Lin, Lin, Karen Cook, and Ronald S. Burt (eds.) 2001. *Social Capital: Theory and Research*. New York: Aldine de Gruyter.

F. Global Networks

Alderson Arthur S. and J. Beckfield 2004. "Power and position in the world city system." *American Journal of Sociology* 109 (4): 811-851.

Smith, David A. and Douglas White 1992. "Structure and dynamics of the global economy: network analysis of international trade 1965-1980." *Social Forces* 70(4):857-893).

Snyder, David. and Kick, Edward. (1979) "Structural position in the world system and economic growth, 1955-1970: a multiple network analysis of transnational interaction." *American Journal of Sociology* 84:1097-1126

VII: Technical Competence

In addition to the topics covered in these readings, you are expected to be technically competent in social network analysis. For example, you should be able to analyze simple one- or two-mode network data and identify subgroups within the network, construct and interpret a blockmodel, use and interpret centrality and centralization measures, use and interpret basic graph statistics, and so on. Although you are not required to learn any specific social network analysis program, you should be able to analyze network data using the range of techniques that are usually included in a general purpose social network analysis package, such as UCINET.