## Network Dynamics / Knowledge Transfer

- \*Bearman, Peter S., James Moody, and Katherine Stovel. 2004. "Chains of Affection." American Journal of Sociology 110:44-91. Reader
- Gupta, AK and Govindarajan, V. 2000. "Knowledge flows within multinational corporations." *Strategic Management Journal* 21, 4: 473-496.
- Hansen, MT. 1999. "The search-transfer problem: The role of weak ties in sharing knowledge across organization subunits." *Administrative Science Quarterly* 44, 1: 82-111.
- Hansen, MT. 2002. "Knowledge Networks: Explain Effective Knowledge Sharing in Multiunit Companies." *Organization Science* 13, 3: 232-248.
- Hargadon, A and Sutton, R. 1997. "Technology Brokering and Innovation in a Product Development Firm." *Administrative Science Quarterly* 42: 716-749.
- Padgett, John F. 2001. "Organizational Genesis, Identity, and Control: The Transformation of Banking in Renaissance Florence." Chapter 5 & 6 in *Networks and Markets* (pp. 211-268). James Rauch and Alessandra Casella (eds). Russell Sage.
- Padgett, John F. and Paul McLean. 2006. "Organizational Invention and Elite Transformation: The Birth of Partnership Systems in Renaisance Florence." American Journal of Sociology 111, 5: 1463-1568.
- Powell, W.W., Douglas R. White, Kenneth W. Koput & Jason Owen-Smith. 2005. "Network Dynamics and Field Evolution: The Growth of Inter-organizational Collaboration in the Life Sciences." *American Journal of Sociology*.
- Powell, Walter W., Kenneth W. Koput, and Laurel Smith-Doerr. 1996. "Interorganizational Collaboration and the Locus of Innovation: Networks of Learning in Biotechnology." *Administrative Science Quarterly*, Vol. 41, No. 1: 116-145.

## **Exponential Random Graph Models**

- \*Knoke and Song. Social Network Analysis. Pp. 96-103.
- \*Robbins, Pattison, Kalish, and Lusher. 2006. "An Introduction to Exponential Random Graph (p\*) Models for Social Networks." Social Networks, Vol. 29, No. 2. (May 2007), pp. 173-191 (<u>reader</u>).
- Frank, Kenneth A. 1998. "Quantitative Methods for Studying Social Context in Multilevels and Through Interpersonal Relations." *Review of Research in Education* 23: 171-216.
- Goodreau, Steven, Mark Handcock, David Hunter, and Carter Butts. 2007. STATNET tutorial. csde.washington.edu/statnet/statnet\_tutorial.doc
- Snijders, Tom A.B, and Chris Baerveldt. 2003. A Multilevel Network Study of the Effects of Delinquent Behavior on Friendship Evolution. *Journal of Mathematical Sociology*.
- Snijders, Tom A.B. 2001. "The Statistical Evaluation of Social Network Dynamics." Sociological Methodology pp. 361-395. recommended
- Snijders, Tom A.B. 2005. "Models for Longitudinal Network Data." Chapter 11 in *Models and Methods in Social Network Analysis* (pp. 215-247), edited by Peter Carrington, John Scott, and Stanley Wasserman. Cambridge University Press. <u>Recommended.</u>
- Wasserman, Stanley and Garry Robins. 2005. "An Introduction to Random Graphs, Dependence Graphs, and p\*." Chapter 8 in *Models and Methods in Social Network Analysis* (pp. 148-161), edited by Peter Carrington, John Scott, and Stanley Wasserman. Cambridge University Press. <u>Recommended.</u>

## **Network Movies**

- \*Moody, James, Daniel A. McFarland, and Skye Bender-deMoll. 2005. "Dynamic Network Visualization." *American Journal of Sociology* 110 (4):1206-1241. reader.
- Ashish Sanil, David Banks & Kathleen Carley, 1995, Models for Evolving Fixed Node Networks: Model Fitting and Model Testing. Social Networks, 17(1): 65-81.
- Bender-deMoll, Skye and McFarland, Daniel A. (alphabetical listing). 2006. "The Art and Science of Dynamic Network Visualization." *Journal of Social Structure*, vol. 7, no. 2. <a href="http://www.cmu.edu/joss/content/articles/volume7/deMollMcFarland/">http://www.cmu.edu/joss/content/articles/volume7/deMollMcFarland/</a>
- Butts, CT. and Carley, KM. "Multivariate Methods for Inter-Structural Analysis." CASOS Working Paper, Carnegie Mellon University.
- Butts, CT. and Carley, KM. "Some Simple Algorithms for Structural Comparison." CASOS Working Paper, Carnegie Mellon University.
- Carley, Kathleen M. 1999. "On the Evolution of Social and Organizational Networks." In Steven B. Andrews and David Knoke (Eds.) Vol. 16 special issue of Research in the Sociology of Organizations. on Networks In and Around Organizations. Greenwhich, CN: JAI Press, Inc. Stamford, CT, pp. 3-30.
- David Banks & Kathleen M. Carley, 1996, Models of Social Network Evolution. Journal of Mathematical Sociology, 21(1-2): 173-196.
- Doreian, Patrick and Frans Stokman (eds). 1997. *Evolution of Social Networks*. (Especially Chapters 1 and 19 for overview). Gordon and Breach Publishers.
- Krempel, Lothar and Thomas Plümper. 2004. "Exploring the Dynamics of International Trade by Combining the Comparative Advantages of Multivariate Statistics and Network Visualization." *Journal of Social Structure* Vol. 4, No. 1.
- McGrath, Cathleen and Jim Blythe. 2004. "Do You See What I Want You to See? The Effects of Motion and Spatial Layout on Viewers' Perceptions of Graph Structure" *Journal of Social Structure*, Vol. 5, No. 2.
- Morgan DL, Neal MB, Carder P. 1995. "The stability of core and peripheral networks over time." *Social Networks* 17: 273-297
- Rothenberg RB, Potterat JJ, Woodhouse DE et al. 1998. "Social network dynamics and HIV transmission." AIDS 12:1529-1536.
- Snijders, Tom A.B. 2001. "The Statistical Evaluation of Social Network Dynamics." *Sociological Methodology*:361-395.