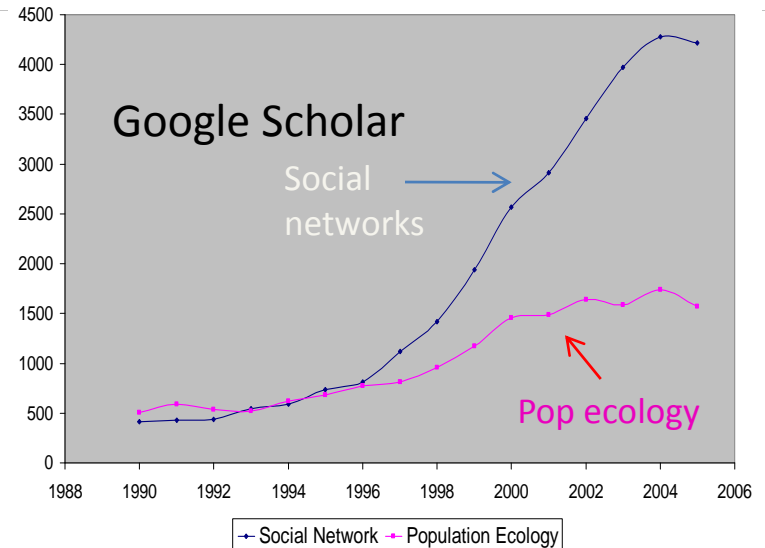
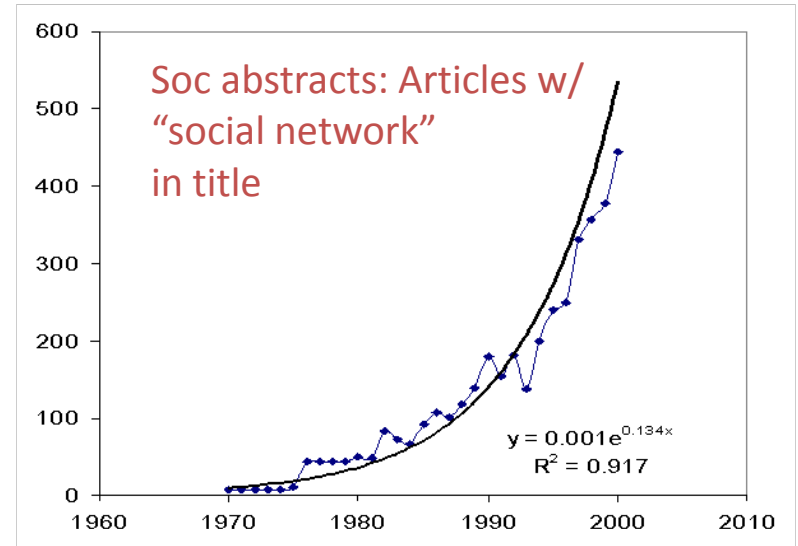


The Field of SNA

steve borgatti

Rising popularity

- Rising popularity of network analysis has created much room for confusion and chaos
 - Confusion with link analysis / data mining
 - Confounding with non-social networks
 - Cultural differences among academic fields (e.g., physicists & sociologists)
 - Consultant quackery
 - Popular “social network” sites



Development of the Field

- 1900s
 - Durkheim
 - Simmel
- 1930s Sociometry
 - Moreno; Hawthorne studies
 - Erdos
- 1940s Psychologists
 - Clique formally defined
- 1950s Anthropologists
 - Barnes, Bott & Manchester school
- 1960s Anthros & graph theorists
 - Kinship algebras; Mitchell
 - Harary establishes graph theory w/ textbooks, journals, etc
- 1970s Rise of Sociologists
 - Modern field of SN is established (journal, conference, assoc, etc)
 - Structuralist agenda set
 - Milgram small-world (late '60s)
 - White; Granovetter weak ties
- 1980s Personal Computing
 - IBM PC & network programs
- 1990s Adaptive Radiation
 - UCINET IV released; Pajek
 - Wasserman & Faust text
 - Spread of networks & relational thinking; Rise of social capital,
- 2000s Physicists' "new science"
 - Scale-free
 - Small world



Formal Organization

- Professional association (since '78)
 - Int'l Network for Social Network Analysis - www.insna.org
 - Incorporated 1993
- No department of Social Network Analysis
 - But a few centers ...
- Academic Centers
 - LINKS (U of Kentucky)
 - Network Roundtable (U of Virginia)
 - CASOS (Carnegie Mellon)
 - Networked Governance (Harvard)
 - Watson Research Center (IBM)
 - NICO (Northwestern)
 - ISNAE
 - IMBS (UC-Irvine)
 - Coalition Theory Network (European consortium)
 - CCNR (Notre Dame, Physics)
 - Nuffield Network Researchers (Oxford)
 - Bader Lab (U of Toronto, Biology)
 - CSSS (U of Washington, Statistics)

Conferences & Workshops

- Sunbelt annual conference (since '79)
 - 2001: Budapest, HUNGARY
 - 2002: New Orleans, USA
 - 2003: Cancun, MEXICO
 - 2004: Portorôš, SLOVENIA
 - 2005: Los Angeles, USA
 - 2006: Vancouver, CANADA
 - 2007: Corfu, GREECE
 - 2008: St Pete, Florida, USA
 - 2009: San Diego, USA
 - 2009: Trento, ITALY
- Regular Training Workshops
 - University of Essex, UK
 - 2-week
 - LINKS center, U of Kentucky
 - 1-week (1st week of June)
 - Sunbelt social networks conference
 - Multiple 1-day workshops
 - CARMA - 2.5 days
 - Academy of Management
 - ICPSR-Michigan – 1 week

Resources

- Specialized journals
 - Social Networks, (since '79)
 - CONNECTIONS, official bulletin of INSNA
 - Journal of Social Structure (electronic)
 - CMOT
- Specialized Textbooks
 - Kilduff & Tsai, 2004
 - Scott, John. 1991/2000
 - Degenne & Forsé. 1999
 - Wasserman & Faust. 1994
- Specialized software
 - UCINET 6/NETDRAW;
 - PAJEK
 - SIENA
 - STRUCTURE; GRADAP; KRACKPLOT
- Listservs & Groups
 - SOCNET listserv (1993)
 - REDES listserv
 - UCINET user's group