

VITA: DOUGLAS R. WHITE, Professor of Anthropology and Social Science, UC-Irvine
Ethnosociology, Models and Social Theory, Structural Ethnohistory

Personal data: born 1942, married, 1 child

Date: March 1999

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Degrees, Fellowships, Awards

Bourse de Haute Niveau (pending), University of Nanterre (Paris X), Laboratoire de Sociologie Comparative et Ethnologie.

Visiting Fellow, University of Köln Leibnitz Program (Thomas Schweizer, head), German Research Society. 1996, 1997 and 1998.

Bourse de Haute Niveau, Ministry of Research and Technology, Laboratoire d'Analyse Secondaire et des Méthodes Appliquées à la Sociologie. Paris, 1991-92.

Distinguished Senior U.S. Scientist Award, Alexander von Humboldt Foundation (Ethnosoziologie), 1990-92. Renewable.

Fellow, Center for Advanced Studies, Western Behavioral Science Institute, 1981-84.

Ph.D. University of Minnesota, Anthropology and Social Theory, 1969.

Predoctoral Fellow, National Institute of Mental Health, 1964-67.

Visiting Fellow, Anthropology and Mathematical Sociology, Columbia, 1965-66.

CIC Traveling Scholar, Anthropology/Mathematical Psychology, Michigan, 1964-65.

NSF Cooperative Fellow. University of Minnesota, 1963-64.

American Field Service Scholarship, Madrid, school year 1958-59.

Teaching and Research Interests

Anthropological Theory, Social Networks/Social Organization, Social Demography and Longitudinal Field Sites, Migration, Kinship and Marriage Networks, Gender, Exchange, Transnational Development and Community Change, Mathematical Anthropology and Computing, Comparative Historical Cross-Cultural Research, World Systems and Global Change, Urban Anthropology, Indian North America, Mesoamerica, Europe.

Academic Positions

Professor, 1982-present. Social Networks. 1989-present. Anthropology, Social Relations. UC Irvine.

1995-present. UC Intercampus Graduate Curriculum: Modernity's Histories in Global Context.

1994-present. Institute for Mathematical Behavioral Science. UC Irvine.

1979-82. UC Irvine. 1979-89. Comparative Culture and Social Sciences.

Associate Professor, 1976-79. Comparative Culture and Social Sciences, UC Irvine.

Associate Professor, 1972-76. Department of Anthropology, University of Pittsburgh.

Assistant Professor, 1969-72. Department of Anthropology, University of Pittsburgh.

Concurrent Positions

Co-Responsible Scientifique, 1998-. Scientific Workshops and Informatics. Ph.D. program in Social Spaces, Relations and Configurations. Ecole des Hautes Etudes en Sciences Sociales. Paris.

Directeur d'Etudes Associé, 1991-92. Maison des Sciences de l'Homme, Paris.

A.von Humboldt Research Award, 1990-92. Institut für Völkerkunde, University of Köln.

Instructor, 1974. ICPSR. Research Methodology Summer Program, Michigan.

Visiting Associate Professor, 1974-75. University of Texas-Austin, Anthropology.

Co-Director, 1971-73. Language Attitudes Project, Finance Ministry, Irish Republic.

Research Associate, 1970. Project IMPRESS (John Kemeny), Dartmouth College.

Staff Anthropologist, 1968. Summer Seminar in Quantitative Anthropology, NSF.

Administrative

Graduate Director, 1995-98. Social Networks Ph.D. Program, UCI.
 Executive Committee of the Academic Senate, 1994-96. Irvine Division.
 Chair, 1994-96. Committee on International Education, UCI.
 President, 1986-90, Chair 1986-. Linkages: World Development Research Council.
 Chair, 1982-83. Graduate Program in Social Networks, UCI.
 Executive Committee of the Academic Senate, 1980-81. Irvine Division.
 Chair, 1980-81. Academic Senate Committee on Courses.
 Chair, 1980-81. Social Structure Group, University of California, Irvine.
 Director, 1979-80. Focused Research Program in Social Network Analysis, UCI.
 Dean Search Committee, 1978-79. School of Social Sciences.
 Executive Committees, 1976-78. School of Social Sciences.
 1976-79. Program in Comparative Culture.
 Co-Director, 1971-73. Language Attitudes Project, Finance Ministry, Irish Republic.

NSF and other grants

National Science Foundation research grants: w G.P. Murdock, Cross-Cultural Cumulative Coding Center 1968-73; w H.G. Nutini, Network Analysis of Compadrazgo in Rural Tlaxcala 1976-80; w L.C.Freeman, Social Networks Computer Teleconference 1977-79; w M.L.Burton: (1) Sexual Division of Labor 1981-83 (2) Labor Intensification and Female Status 1983-85 (3) World Systems and Ethnological Theory 1985-87 ; w D.Smith, Large Scale Network Analysis of World Trade 1986-89 (SDSC); w T.Scudder and E.Colson, Long-Term Dynamic Assessment of Impacts of World-System, Development and Ecological Processes on Local Socioeconomic Change in Gwembe Valley, Zambia 1988-90; w 4 other PIs, Assessment and Planning of Cross-Cultural and Comparative Research 1987-88; w 2 other PIs, Summer Institutes in Comparative Research 1988-90; Network Analysis of Kinship, Social Transmission and Exchange: Cooperative Research at UCI, UNI Cologne, CNRS Paris 1993-95.

Numerous small grants: social science database and computing systems, planning grants, conferences. Mellon Program Development Grant in Anthropology and Demography, with James Lee, 1995-1996.

Professional

Fellow: American Anthropological Association, Society for Applied Anthropology.
 Charter Member: The Classification Society-No. American Branch, Society for Cross-Cultural Research, Int'l Network for Social Network Analysis, Society for Psychological Anthropology, Cognitive Sciences Society. Member: NSF Advisory Panel, numerous Social Science committees and planning groups on data base, software development, research organization and training programs. Past Member: Society for General Systems Research, American Sociological Association, American Mathematical Association.
President Elect and President 1992-1993: Social Science Computing Association.
Founder and General Editor 1985-1990: World Cultures. Editorial Boards: Structural Analysis: Journal of Theory and Applied Research, Social Science Computer Review, Linking Levels of Analysis (University of Michigan Press Series). Editorial Boards, past: Ethnology, Social Networks, Computers and the Humanities, Journal of Behavioral Economics. Conference organizer: Urban Anthropology; Natural Decision Making; Social Networks; Cross-Cultural Research; Teleconferencing; Text Analysis; Research Methods; Approaches to Unified Social Science; Longitudinal Field Studies; Scholar's Workstation; Social Science Computing (1995, UCSD/SDSC).

Publications: Books

- 1972 **The Anthropology of Urban Environments** (eds. Thomas Weaver, drw),
 1975 **Tuaraiscail: Report of the Committee on Language Attitudes Research Regarding Irish** (L.A.Brudner, drw, and staff). Dublin: Government Printing Office.
 1989 **Research Methods in Social Network Analysis** (eds. L.C.Freeman, drw, A.K.Romney) George Mason Press. Reprinted 1991, Transaction Press.
 1993 **Foundations for Social and Biological Evolution** (A. Iberall, D. Wilkinson, drw). CDC Press.
 1998 **Kinship, Networks and Exchange** (eds.Thomas Schweizer, drw). Cambridge University Press.
 In manuscript **Cultural Kinetics 1, An Introduction: Social Anatomy of a Nomadic Clan** (drw & Ulla Johansen)
 In manuscript **Cultural Kinetics 2, An Invisible State: Belen, since the Revolution** (drw & Michael Schnegg, Lilyan A. Brudner and Hugo Nutini)
 In review. **Cultural Kinetics 3, Emergent Dualities: The Balance Principle in Kinship Networks** (drw & Michael Houseman) (submitted: Cambridge University Press)
 In manuscript **Cultural Kinetics 4, A House-system: From 1511-1998 in an Austria Farming Village** (drw & Lilyan A. Brudner)

Publications: Major Articles

- 1969 Standard Cross-Cultural Sample (G.P.Murdock, drw) **Ethnology** 8:329-369.
 1971 Societal Research Archives System, *In*, R.Naroll and R. Cohen, eds. **Handbook of Method in Cultural Anthropology**, 676-685.
 1971 Natchez Class and Rank Reconsidered (drw, G.P.Murdock, R.Scaglione) **Ethnology** 10:369-88.
 1974 Mathematical Anthropology, *In*, J.J. Honigmann, ed. **Handbook of Social and Cultural Anthropology**, 369-446. Chicago: Rand-McNally.
 1975 Process, Statistics and Anthropological Theory: An Appreciation of Harold E. Driver, **Reviews in Anthropology** 2:295-314.
 1976 National Policy Programming: A Prototype Model from Language Planning (drw, L.Brudner, A.Walters) *In*,P.R.Sanday, ed., **Anthropology and the Public Interest:Fieldwork & Theory**,293-306.
 1977 Entailment Theory and Method: A Cross-Cultural Analysis of the Sexual Division of Labor (drw, M.Burton, L.Brudner) **Behavior Science Research** 12:1-24
 1977 A Model of the Division of Labor by Sex (M.Burton, drw, L.Brudner) **American Ethnologist** 4:227-251.
 1977 Community Variations and Network Structure in the Social Functions of Compadrazgo in Rural Tlaxcala, Mexico (H.G.Nutini, drw) **Ethnology** 16:353-384
 1981 Sexual Division of Labor in African Agriculture: A Network Autocorrelation Analysis (drw, M.L.Burton, M.M.Dow) **American Anthropologist** 83:824-849.
 1982 Network Autocorrelation: A Simulation Study of a Foundational Problem in Regression and Survey Research (M.Dow, M.Burton, drw) **Social Networks** 4:169-200.
 1982 Multivariate Modeling with Interdependent Network Data (M.M.Dow, drw, M.L.Burton) **Behavior Science Research** 17:216-245.
 1983 Graph and Semigroup Homomorphisms (drw, K.P.Reitz) **Social Networks** 5:193-234.
 1983 Internal Replication and the Systems Concept in Non-Experimental Research (drw, R.Pesner) **Behavior Science Research** 18:26-44.
 1983 An Exact Significance Test for Three-Way Interaction (drw, R.Pesner, K.P.Reitz) **Behavior Science Research** 18:103-122.
 1984 Sexual Division of Labor in Agriculture (M.L.Burton, drw) **American**

Anthropologist 86:568-583.

1984 Galton's Problem as Network Autocorrelation (M.Dow, M.L.Burton, drw, K.P.Reitz)

American Ethnologist 11:754-770.

1985 The World Cultures Database, **Advances in Computer Archaeology** 4:4-31

1986 Focused Ethnographic Bibliography for the Standard Cross Cultural Sample,

Behavior Science Research 23:1-145.

1987 Cross-Cultural Surveys Today (M.L.Burton, drw) **Annual Reviews of**

Anthropology 1987, 16:143-160.

1988 Cites and Fights: Material Entailment Analysis of the Eighteenth-century Chemical Revolution (drw, H.G.McCann) pp. 380-400 in S. Berkowitz, B.Wellman, eds., **Social Structures: A Network Approach**, Cambridge University Press. Reprinted 1997: Ablex Publishing Corporation.

1988 The Murdock Legacy: The Ethnographic Atlas and the Search for a Method (drw, L.A.Brudner) **Behavior Science Research** 22:59-81. Special issue on George Peter Murdock: Retrospective Assessment, ed. Ward H. Goodenough.

1988 Rethinking Polygyny: Co-Wives, Codes, and Cultural Systems, **Current Anthropology** 29:529-558, 568-572.

1988 Causes of Polygyny: Ecology, Economy, Kinship and Warfare (drw, M.L.Burton) **American Anthropologist** 90:871-887.

1988 Anthropology and Computing: the Challenges of the 1990s (drw, G.F.Trux) **Social Science Computer Review** 6:481-497.

1988 Evidence for a Long Term Process Scale for Social Change in Modern Man Settled in Place via Agriculture and Engaged in Trade and War (A.Iberall, drw) **GeoJournal** 17:311-338. Reprinted in 1993 **Foundations for Social and Biological Evolution** (A. Iberall, D. Wilkinson, drw). CDC Press.

1989 Rethinking the Role Concept: Homomorphisms on Social Networks (K.P.Reitz, drw) *In*, L.C. Freeman, D.R. White, A.K.Romney, eds., **Research Methods in Social Network Analysis**, 429-88 .

1990 Reliability in Comparative and Ethnographic Observations: The Father-Child Example of High Inference Measures, **Journal of Quantitative Anthropology** 2:109-150.

1990 A Cross-Cultural Historical Analysis of Subsistence Change (C.Bradley, C.C.Moore, M.L.Burton, drw) **American Anthropologist** 92:105-115.

1990 Sharing Anthropological Data with Peers and Third World Hosts. *In*, J.E.Sieber, ed., **Sharing Social Science Data: Advantages and Challenges**, 42-60.

1991 World-System and Regional Linkages as Causally Implicated in Local Level Conflicts at the Ethnographic Horizon, **Zeitschrift fur Ethnologie** 115:111-37.

1991 Centrality in Valued Graphs: A measure of betweenness based on network flow (L.Freeman, S.Borgatti, drw) **Social Networks** 13:141-154.

1991 Regional Comparisons, Replications and Historical Network Analysis (M.Burton, drw) **Behavior Science Research** 25:55-78.

1992 Structure and Dynamics of the Global Economy: Network Analysis of International Trade 1965-1980 (D.Smith, drw) **Social Forces** 70:857-894.

1992 Representing and Analyzing Kinship: A Network Approach (drw, P.Jorion) **Current Anthropology** 33:454-462.

1993 Using Galois lattices to represent network data (L.Freeman, drw) **Sociological Methodology** 1993, 127-146.

1993 Spatial Levels in Cultural Organization, *In*, T.Schweizer, Margarete Schweizer, and Waltraud Kokot, eds. **Handbuch der Ethnologie**, 459-88. Berlin: Reimer Verlag.

1994 Centrality Measures for Directed Graphs (drw, Steve Borgatti) **Social Networks** 16:335-46.

- 1996 Enfoque de redes al estudio de comunidades urbanas, **Estudios Demográficos y Urbanos** 9:303-326. Mexico City: Colegio de Mexico.
- 1996 Kinship Networks and Discrete Structure Theory: Applications and Implications (drw, P.Jorion). **Social Networks** 18:267-314.
- 1996 Statistical Entailments and the Galois lattice, **Social Networks** 18:201-215.
- 1996 Structures réticulaires de la pratique matrimoniale (Michael Houseman, drw) **L'Homme** 139:59-85.
- 1997 Class, Property and Structural Endogamy: Visualizing Networked Histories, (Lilyan Brudner, drw) **Theory and Society** 25:161-208.
- 1997 Structural Endogamy and the graphe de parenté. **Mathématique, Informatique et sciences humaines** 137:107-125. Paris: Ecole des Hautes Etudes en Sciences Sociales.
- 1998 Kinship, Property and Stratification in Rural Java: A Network Analysis (drw, Thomas Schweizer). pp. 36-58, *In*, Thomas Schweizer and drw, eds. **Kinship, Networks, and Exchange**. Cambridge University Press.
- 1998 Network Mediation of Exchange Structures: Ambilateral Sidedness and Property Flows in Pul Eliya, Sri Lanka (Michael Houseman, drw). pp. 59-89, *In*, Thomas Schweizer and drw, eds. **Kinship, Networks, and Exchange**. Cambridge University Press.
1998. Taking Sides: Marriage Networks and Dravidian Kinship in Lowland South America (Michael Houseman, drw) Pp.214-243, *In*, Maurice Godelier, Thomas Trautmann and Franklin E. Tjon Sie Fat, eds., **Transformations of Kinship**, Smithsonian Institution Press.
- In press. Parente Suite: User's Manual for Analysis of Kinship and Marriage Networks (drw & Patricia Skyhorse), in V. Burton, T. Finnigan, D. Herr, eds., **Multimedia Renaissance in Social Science Computing**. CD-ROM. Urbana, Illinois.
- In press. Analyzing Large Kinship and Marriage Networks with P-graph and Pajek (drw, Vladimir Batagelj & Andrej Mrvar) **Social Science Computer Review**
- In press. Networked Integration: Structural Connectivities and Crosscutting Boundaries in Kinship and Compadrazgo (Rural Tlaxcala, Mexico) (drw, Michael Schnegg, Lilyan Brudner & Hugo G. Nutini) **Social Networks: Theory and Applications** eds. Jorge Gil and Samuel Schmidt. Mexido, D.F.: UNAM Press.
- Accepted. Elementary Simulation of Marriage Systems. **Journal of Artificial Societies and Social Simulation**.
- Accepted. (undergoing author revision). The Logic of Avoidance, **Social Networks**.
- Submitted. Contours of Consensus in Social Cognition: Belief Systems in a Tlaxcalan village (drw, J. Stern, L.Brudner, H.Nutini) **Cognitive Science**.
- Submitted. The Invisible State: Radial and Proximal Cohesion in Tlaxcala (drw, Michael Schnegg & Lilyan Brudner) **The Problem of Institutions: Anthropological Studies**. Eds. Michael Bollig, Joachim Goerlich and Lutz Elbling.
- Submitted. Institutional Structure and Business Services Referral Networks in the U.S. and Japan (Bruce Money, drw) **American Journal of Sociology**.
- In manuscript. Status Groups and Structural Endogamy: Compadrazgo in Rural Tlaxcala, Mexico (drw, Michael Schnegg, Lilyan Brudner & Hugo G. Nutini) for submission to **American Journal of Sociology**

Publications: Minor Articles

- 1972 Sociological Contributions to an Urban Anthropology (drw, T.Weaver) and
 1972 Anthropological Approaches to Urban and Complex Society (T.Weaver, drw) *In*, T.Weaver, D.White, eds. **The Anthropology of Urban Environments**, pp. 97-107 and 109-125.

- 1979 Language Attitudes, Behavior, and Intervening Variables (L.Brudner, drw) In W.F.Mackey, J.Orenstein, eds. **Sociolinguistic Studies in Language Contact**. pp. 51-68.
- 1984 Material Entailment Analysis. **Practicing Anthropologist** 6(2):10-11. Computer Assisted Anthropology Issue.
- 1986 Cross Cultural Study of Magico-Religious Practitioners: Database (M.Winkelman, drw). **World Cultures** 2(3).
- 1986 Sexual Division of Labor (M.L.Burton, drw). **Encyclopedia of the Social Sciences**, ed. A.Kuper, J.Kuper, pp. 206-208.
- 1987 Cultural Diversity Database: An Instructional and Research Module from the World Cultures Electronic Journal. **National Collegiate Software Clearinghouse**.
- 1988 Anthropological Journals in Electronic Format. **Computer Assisted Anthropology News** 3(1):2-19.
- 1988 Shared Workstation Applications Project. **Current Anthropology** 29:519-520.
- 1988 A Reanalysis of Murdock's Model for Social Structure, Based on Optimal Scaling (J.Whiting, M.L.Burton, A.K.Romney, C.C. Moore, drw) George Peter Murdock: Retrospective Assessment. **Behavior Science Research** 22:23-40.
- 1989 Questioning the Evidence for Kipsigis Wealth as Cause of Reproductive Success Rather than Polygyny as a Cause of Both Wealth and Offspring. **American Anthropologist** 91:176-9.
- 1989 Microcomputer Tools for Anthropological Research. **Development Anthropology Network** 6(2):9-16.
- 1989 Coded Data Base Software. **Cultural Anthropology Methods** 1:10-12.
- 1990 Sampling and Samples -- Five Critical Issues. **Cultural Anthropology Methods** 2:9-11.
- 1990 The Value-Added Electronic Journal: Experience with World Cultures. **Journal of Educational Media and Library Sciences** 27: 282-293.
- 1991 Data Base Software and Data Sharing. **Cultural Anthropology Methods** 3:1-3.
- 1994 Fisher-B: A Program for an Exact Significance Test for Two- and Three-Way Interaction Effects. **World Cultures** 8(2): 40-43.
- 1996 Jacob Marschak Lecture Abstract: The Theory of Inscribed Relations: Flows in Social Networks. **Mathematical Social Science** 30:327-8.
- 1996 Social Network and Discrete Structure Analysis (drw, V.Duquenne) **Social Networks** 18:169-72.
- 1997 Corr-Rel: A Program for Reliability Assessment (drw, Patrick Gray) **World Cultures** 9(1):7-32.

Theses

- 1969 **Decision-Making in Equestrian Indian Societies**. (Ph.D.). Ann Arbor: University Microfilms.
- 1967 **Concomitant Variation in Kinship Structures**. (M.A.). Ann Arbor: University Microfilms.

Field Research

- 1961-62 Ojibwa urban adaptation in Minneapolis;
- 1962 Acatlán, Veracruz, Mexico, religious and economic integration;
- 1962 Coastal fishing economies in Veracruz;
- 1964-65 Upper Mississippi culture and personality;
- 1968-70 Italian and Irish American Urban ethnic adaptation in Pittsburgh;
- 1971-73 Networks of Irish language use, social and decision-making processes affecting language maintenance; direction of multiple level national research project

involving socio-demographic analysis, survey sampling and questionnaire design, attitudinal studies, educational and institutional research in Ireland;
 1976-79 Networks, Labor Force Participation and Belief Systems in Tlaxcala, Mexico;
 1993-96 Networks, House System and Migration in Rural Austria, w L.A. Brudner.
 1995. Ethnographic video project - family relations in Rural Austria, w L.A. Brudner.
 1995. Networks in Southern California, w Thomas Schweizer and Linton Freeman.

Languages: Spanish (fluent spoken and written), French (fluent spoken, advanced written), German (intermediate spoken)

Database Development and Programmatic Research

Work on development of a standard cross-cultural sample of 186 classic ethnographic sites began in 1967 with G. P. Murdock. This database now includes temporal development and world-system impact variables in addition to cumulative codes from hundreds of contributing studies on over two thousand variables. These data, together with analytic and mapping programs that I developed, continue to be published in the World Cultures electronic journal that I founded in 1985.

Between 1976-1980, with NSF funding, I developed a database approach to the study community social networks, migration, kinship and marriage, and social change, working with Nutini and Brudner on field sites in rural Tlaxcala, Mexico.

Since 1985 I have headed a team involved in creating a series of longitudinal databases for studies of economic development and community level change in anthropological field sites, with collaborations including:

- 1) Colson and Scudder's 4 Tonga village sites in Gwembe, Zambia
- 2) Brudner and White's Feistritz village site in Carinthia, Austria,
- 3) Nutini, Brudner and White's factory and 4 village sites in Tlaxcala, Mexico,
- 4) Goodenough et al.'s Chuukese site in Micronesia,
- 5) McCall's Rapanui (Easter Island) site in Polynesia,
- 6) Dorsey's Historic Omaha archival materials, as transcribed by Robert Barnes,
- 7) Lee's Chinese Imperial lineage archival materials,
- 8) Foster and Van Kemper's Tzintzuntzan village and migration study.

Our 1986-89 NSF and Wenner-Gren awards used the first site as a test case for development of a longitudinal social demographic methodology now being carried through in other sites.

These three projects resulted in development of software that is now widely used in comparative studies (MAPTAB data visualization, entailment analysis, autocorrelation), community-level network studies and transnational networks and flows (analysis of social positions based on regular equivalence, generalization of positional centrality measures), and the longitudinal analysis of social change (graphic visualization and analytic package for material flows and exchange mapped onto flow representations of kinship and marriage networks).

Since 1991 I have co-directed with Michael Houseman (CNRS, Paris) and Thomas Schweizer (Cologne) a team of researchers assembling longitudinal kinship and property-transmission networks from a series of anthropological field sites (those above plus, e.g., Dogon and Tuareg-Africa, Pul Eliya-Sri Lanka, numerous Amazonian groups, Tikopia and Anuta-Polynesia, Arapesh and Manus-Melanesia, Groote Eylandt-Australia), historical or demographic studies (e.g., Elites-Central America, Quebec villages, Aillier-France), plus nearly one hundred sites with longitudinal kinship and marriage networks. A series of jointly authored books (with Houseman, Schweizer) are in preparation, and utilize data from the better cases studies. Data from these studies will be contributed to the National Archives of Anthropology.

In 1996 I was invited to join as consultant the Eur-Asia project, a consortium of socio-demographic researchers from the U.S., Japan, China, Sweden, Belgium and Italy developing a standardized methodology for the study of population and household responses to short and long term stresses in economic conditions and life-event conditions. In 1998 I was invited to participate with Maurizio Gribaudo as Co-Responsible Scientifique for Scientific Workshops and Informatics as part of a new Ph.D. program in Social Spaces, Relations and Configurations at the Ecole des Hautes Etudes en Sciences Sociales. Also in 1998 I was invited to serve as external examiner for the proposed MA program in Social Networks at the Universidad Complutense de Madrid and participate in their project on the comparative study of elites. In 1998 as well I was invited by Professor Miguel Angel Centeno of Princeton University's Sociology Department to participate in their International Networks Archive and their project, in collaboration with Eszter Hargittai, in Mapping the Global Web.

In 1999 I was invited by John Padgett, University of Chicago, to participate as a Visiting Faculty Member of the Santa Fe Institute work group on the Co-evolution of the State and Market, involving the longitudinal study of Florentine social and financial networks in the 13th-15th centuries. Also in 1999 I was invited as Visiting Faculty to the Ecole des Hautes Etudes en Sciences Sociales in Paris to participate in joint longitudinal network studies.

I am currently preparing another NSF proposal that will cap what we have learned from large-scale social network analysis (including kinship and marriage networks, property and transaction flows, succession, class formation, structures of elites, etc.) in terms of a sophisticated fieldwork database system, with applications to be tested in multi-level longitudinal fieldsite ethnography carried out in dissertation-level and collaborative research.