

Review Profile: **Douglas R White**
For the period: **October 1, 1976 through January 30, 2010**

Current Title: Professor
Department(s): Anthropology
Work Address: New Gateway (SBSG) Building, Rm 3544
Zot Code: 5100
Phone (work): (949) 824-5893
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EDUCATION

1969 PhD, 1969, Anthropology and Social Theory, with supporting fields in Sociology and Mathematical Psychology, University of Minnesota.
1967 MA, 1967, Anthropology, minor in Sociology, University of Minnesota.
Columbia University 1965-1966 on N.S.F. Travelling Fellowship
C.I.C. Traveling Scholar and N.I.M.H. Fellowship U. Michigan 1964-1965
1964 BA, *Magna Cum Laude and Honors*, 1964, Anthropology, minor in Latin American Studies, University of Minnesota.
Brown University, Engineering-Physics and Comparative Literature 1959-1961

POSTGRADUATE TRAINING

LICENSES OR PERMITS

PREVIOUS APPLICABLE ACADEMIC EMPLOYMENT

UCI:

1979-Present Professor
1976-1979 Associate Professor

Other:

2004 - 2011 External Faculty, Santa Fe Institute of Complexity Sciences (renewable 2011)
07/2008 - 08/2008 Summer School Faculty
2 weeks. July -August. Three three-hour (six 1.5 hour) lectures for the "Advanced Thematic Introductions" of the first French Complex Systems Summer School, Paris, coordinated by the French National Network on Complex Systems (NNCS), organized by the Complex Systems Institute Paris - Ile de France (ICS PIF). The aim of the school is to provide in-depth reference lecture courses to a multi-disciplinary audience of researchers as well as advanced students
07/2008 - 07/2008 Visiting Faculty, Sociology, ETHZ University, Zürich, Switzerland
06/2008 - 07/2008 Visiting Faculty, Systems Design, ETHZ University, Zürich, Switzerland
03/2008 Visiting Faculty, Sociology, Xi'an University, Xi'an, China
02/2007 Visiting Faculty, Sociology, Columbia University
06/2005 Visiting Faculty, Sociology, Central European University (hosted by the Institute for Advanced Studies, Budapest)
04/2005 - 05/2005 Visiting Faculty, Social Science, University of Ljubljana, Slovenia
02/2003 Visiting Faculty, Sociology, University of North Carolina
1999 - 2001 Invited Professor (September 1999/2000/2001), Center for Advanced Studies in the Social Sciences (Directeur des Études, École des Hautes Études en Sciences Sociales), Paris
10/2000 Invited Researcher, National Institute of Demographic Research, Paris, France
1991 Directeur des Études Associé, Maison des Sciences de l'Homme, Paris
1990 - 1991 Visiting Professor, Institut für Völkerkunde, Universität zu Köln
1972 - 1976 Associate Professor, Department of Anthropology, University of Pittsburgh (Joint Member: Sociology)

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1974 - 1975 Visiting Associate Professor, University of Texas, Austin, Department of Anthropology
1974 Visiting Associate Professor, I.C.P.S.R. Summer Program in Research Methodology, Summer University of Michigan
1969 - 1972 Assistant Professor, Department of Anthropology, University of Pittsburgh
1970 Faculty Research Associate, Project for Interdisciplinary Machine Processing for Research Summer and Education in the Social Sciences (under President Kemeny), Dartmouth College
1967 - 1969 Instructor, Department of Anthropology, University of Pittsburgh
1968 Staff Anthropologist, Summer Seminar in Quantitative Anthropology, National Science Summer Foundation (Mathematical Social Science Board), Williams College
1965 - 1967 Director, Societal Research Archives System, University of Minnesota

TEACHING

Courses Taught

QTR/YR	COURSE #	TITLE	ENROLLMENT	#INSTS	%
Fall 2005	ANTHRO 174AW	World Cult Comparasn	37	1	100
Fall 2005	SOCIOL 229	Soc Net & Dynamic	8	1	100
Fall 2005	SOC SCI 240A	Colloq Soc Networks	1	1	100
Fall 2005	ANTHRO 289	Soc Net & Dynamic	8	1	100
Fall 2005	SOC SCI 299	Individual Study	1	1	100
Winter 2006	ANTHRO 179	Culture & Evolution	31	1	100
Winter 2006	SOCIOL 229	Global Networks	4	1	100
Winter 2006	SOC SCI 240B	Colloq Soc Networks	4	1	100
Winter 2006	SOC SCI 249A	Global Networks	4	1	100
Winter 2006	ANTHRO 289	Global Networks	4	1	100
Winter 2006	SOC SCI 299	Individual Study	1	1	100
Spring 2006	SOC SCI 240C	Colloq Soc Networks	4	1	100
Spring 2006	SOC SCI 290	Dissertation Research	1	1	100
Spring 2006	SOC SCI 299	Individual Study	1	1	100
Fall 2006	ANTHRO 174AW	World Cult Comparasn	27	1	100
Fall 2006	SOC SCI 240A	Sem Soc Networks	6	1	100
Fall 2006	ANTHRO 289	Sem Soc Networks	6	1	100
Fall 2006	SOC SCI 290	Dissertation Research	1	1	100
Winter 2007	ANTHRO 179	Culture & Evolution	22	1	100
Winter 2007	SOCIOL 229	Global Networks	4	1	100
Winter 2007	SOC SCI 240B	Sem Soc Networks	4	1	100
Winter 2007	SOC SCI 249A	Global Networks	4	1	100
Winter 2007	ANTHRO 289	Global Networks	4	1	100
Winter 2007	SOC SCI 290	Dissertation Research	1	1	100
Spring 2007	SOC SCI 240C	Sem Soc Networks	6	1	100
Spring 2007	SOC SCI 290	Dissertation Research	1	1	100
Fall 2007	ANTHRO 174AW	Human Social Complx	29	1	100
Fall 2007	SOC SCI 240A	Sem Soc Networks	8	1	100

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Fall 2007	ANTHRO 289	Ntwk Thry&Soc Compl	4	1	100
Fall 2007	SOC SCI 289	Ntwk Thry&Soc Compl	4	1	100
Fall 2007	ANTHRO 289	Sem Soc Networks	8	1	100
Fall 2007	SOC SCI 290	Dissertation Research	1	1	100
Winter 2008	SOC SCI 240B	Sem Soc Networks	5	1	100
Winter 2008	SOC SCI 290	Dissertation Research	1	1	100
Winter 2008	ANTHRO 299	Independent Study	1	1	100
Spring 2008	SOC SCI 240C	Sem Soc Networks	8	1	100
Spring 2008	ANTHRO 289	Anthro Meth&Models	13	1	100
Spring 2008	SOC SCI 290	Dissertation Research	1	1	100
Fall 2008	SOC SCI 240A	Sem Soc Networks	9	1	100
Fall 2008	ANTHRO 129	Kinship & Complexity	29	1	100
Fall 2008	ANTHRO 174AW	Human Social Complx	33	1	100
Fall 2008	SOC SCI 290	Dissertation Research	1	1	100
Winter 2009	ANTHRO 199	Individual Study	1	1	100
Winter 2009	SOC SCI 240B	Sem Soc Networks	5	1	100
Winter 2009	SOC SCI 290	Dissertation Research	1	1	100

Doctoral Students Supervised

(a) those who received their Ph.D.

2009	Carl Nordlund, Member Human Ecology, Lund
2009	Laurent Tambayong, Chair IMBS, Post-doctoral research, Carnegie Mellon
2008	Jennifer Chandler, Member GSM. Asst. Professor, University of Hawaii
2007	Nataša Kejžar, Member (University of Ljubljana) Asst. Professor, University of Ljubljana
2005	Camille Roth, Member (Ecole Polytechnique, Paris) Asst. Professor, Ecole des Hautes Etudes en Science Sociales
2005	Thomas Moliterno, Member GSM, Asst. Professor, University of South Carolina
2003	Benjamin Jester, Chair Social Relations. Instructor, Cal State System
2003	Jeff Stern, Member Social Networks. Social Science Computing Services, UCI
2003	Patricia Skyhorse, Co-Chair Social Networks. Instructor, Cal State System
2003	William Fitzgerald, Chair Social Networks. Associate Specialist, UCI
2002	Masaki Tomochi, Chair MBS. Associate Professor: Faculty of Policy Sciences, Chuo University, Tokyo
2001	Silvia Casasola, Member Social Networks. Former Postdoctoral Researcher, IIMAS-UNAM
2001	Tina Quartaroli, Chair Social Relations. Asst. Prof., University of Central Missouri

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2000	James Moody, Member (Univ. of North Carolina) Associate Professor, Sociology, Duke University
2000	Narda Valverde, Chair Social Networks. Former Associate Research Professor in the Social Sciences (IIMAS), UNAM, Mexico, DF
1999	Henry Stevens, Chair Social Relations. Instructor, UCI, SDSU (Ethnic Studies, Geography)
1999	Richard Grannis, Co-Chair Social Networks. Associate Professor, Sociology, UCLA
1999	Ryuhei Tsuji, Chair MBS. Associate Professor, Department of Psychology, Meiji Gakuin University, Tokyo
1995	Bruce Money, Member GSM. Professor, Business, University of South Carolina
1995	Lupe Beltran, Co-Chair Social Relations. Asylum Officer, Supervisor. INS
1995	Paula Trahan, Co-Chair Social Relations. Fulbright Fellow, El Salvador
1994	Anne Saddington, Member Social Relations. Associate Professor, Sociology, College of the Desert
1994	Audrey Weiss, Member Social Relations. Medical Anthropology Researcher
1994	Justeen Hyde, Member Social Relations. Assistant Professor in the Department of Pediatrics at the University of Southern California (first year advisor)
1994	Myung-Oc Woo, Member Social Relations. Assistant Professor, University of South Korea
1994	Steven Smith, Member Social Relations. Assistant Professor, University of Chicago, Circle Campus
1993	Linda Miller, Member Social Relations. Post-doc., University of Texas
1992	Kathy Fagan, Member Social Relations. Lecturer, Cal State Fullerton
1992	Mary Reynolds, Member Social Relations. Lecturer, UCI
1990	Randolph Howell, Chair Social Relations. Community Organizer, Encinitas
1989	Stephanie Romeo, Member Comparative Culture. Lecturer, UCI
1988	Candice Bradley, Member Social Relations. Assoc. Prof., Lawrence college. Retired
1988	Johannes Van Vugt, Member Social Relations. Associate Professor. Fordham; later St. Mary's
1988	Michael Roskey, Member Comparative Culture. Secondary school teacher
1988	Vicente Lopez, Member Social Relations. Prof., CETYS, Baja California
1987	Migali Gil, Member Social Relations. Prof., Cal. State Dominguez Hills
1987	Ruvn Gekker, Chair Social Networks. Professor, Department of Economics, NUI, Galway, Ireland

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1987	Susan Freeman, Member Social Networks. Lecturer, UCI. Retired
1986	Paul Kabler, Member Social Relations. International Development Consultant. Saudi Arabia
1986	Richard Sapanaro, Member Comparative Culture. Secondary school teacher
1986	Roberta Anderson, Member Social Relations. Prof., Cal. State
1986	Sandy Maryanski-Turner, Member Social Networks. Assoc. Prof., Associate Academic Dean, UC Riverside
1985	Laurie Alexandre, Member Comparative Culture. Assoc. Prof.
1985	Michael Winkelman, Co-Chair Social Relations. Associate Professor, Arizona State University
1985	Scott Swain, Member Social Relations. Secondary Teacher
1985	Talmadge Wright, Member Social Relations. Assoc. Prof., Loyola University of Chicago
1985	Wendy Lozano, Member Social Relations. Prof., Cal. State (Wendy Griffin)
1984	Karl Reitz, Member Social Networks. Prof. and Dean, Chapman College
1984	Laurel Holloway, Member Social Relations. Former Administration, UCI
1984	Waltraud Kokot, Member Social Relations. Emeritus Prof., Former Anthropology Chair, University of Hamburg
1983	Keiko Nakao, Member Social Relations. Prof., Otema University, Taiwan
1982	Lee Sailer, Member Social Networks. Prof., Penn. State
1982	Linda Garro, Member Social Relations. Prof., Manitoba
1982	Malcolm Dow, Co-Chair Social Relations. Emeritus Prof., Northwestern
1982	Ralph Payne, Member Social Relations. Prof., Virginia Polytechnic

(b) those who advanced to candidacy

(c) pre-dissertation committees

(d) other doctoral research supervision

Ryota Egashira, Doctoral Committee
ICS
Steve Abrams, Doctoral Committee
ICS, Informatics
Steve Doubleday, Advisor, Doctoral Committee
MBS
Yong Ming, Doctoral Committee
ICS, Informatics

Master's Thesis Students Supervised

2004 - 2005 Supervisor

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2003 Nine Master's Students from the University of Modena and Reggio, taught at Reggio, Dec 2004 and at UC Irvine, two weeks, 2005
2003 Birgit Paukzstat, Advisor
Anthro. PhD Candidate, Social Networks, Grönigen
1995 - 1996 Supervisor
Eight UCI undergraduates and Twelve Visiting Students from the University of Cologne: Costa Mesa Social Network Research Training Project

Postdoctoral Scholars Supervised

1997 - 2000 Eric Widmer, Supervisor
Professor, University of Geneva
1995 - 1996 James Lee, Supervisor
Professor, University of Wisconsin

Undergraduate Student Research Supervision

2003 - 2004 Steven DeWaters, Supervisor, Undergraduate Honors Thesis
1995 - 1996 Undergraduate Research Supervision
Eight UCI undergraduates: Costa Mesa Social Network Research Training Project
1989 - 1990 Claudia Caro, Undergraduate Research Supervision
1989 - 1990 David Diaz, Undergraduate Research Supervision
1988 - 1989 Tina Quartaroli, Supervisor, Undergraduate Honors Thesis

Other Research Supervision

2006 - 2007 Andrea Roventini, Directed Individual/Independent Study
(University of Modena and Reggio, thesis Mentor)
2005 - 2007 Carl Nordlund, Member, Directed Individual/Independent Study
Human Ecology Division, University of Lund, External Committee Member
2004 - 2005 David Marcus, Directed Individual/Independent Study
University of Kent, Anthropology (External Examiner)
2004 - 2005 Steve Racunas, Directed Individual/Independent Study
Penn State University (Santa Fe Institute Mentor)
2003 - 2004 Klaus Auer, Member, Directed Individual/Independent Study
University of Cologne, Andean Program Researcher

Special Pedagogical Activities

Teaching Innovations and Materials

Diversity Activities Related to Teaching (see APM 210)

1995 - 1996 Minority Mentorship: Patricia Skyhorse
1983 - 1984 Minority Mentorship: James Smith

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PUBLICATIONS AND CREATIVE ACTIVITY

Book Chapters, Other

White, D. R., Freeman, L. C. (1989). Introduction. In L. C. Freeman, D. R. White, A. K. Romney (Eds.), *Research Methods in Social Network Analysis*. (pp. 1-10). George Mason Press.

Book Chapters, Peer-Reviewed

Schnegg, M., White, D. R. (2009) Getting connected: Networks of kinship and compadrazgo in rural Tlaxcala, Mexico. In C. Greiner, W. Kokot (Eds.), *Networks, Resources and Economic Action: Ethnographic Case Studies in Honor of Hartmut Lang*. Berlin: Dietrich Reimer Verlag. (http://intersci.ss.uci.edu/wiki/pub/FS_HLSchneggWhite_Dec_12_08_BW.pdf).

White, D. R. (2009). Innovation in the Context of Networks, Hierarchy and Cohesion. In D. Lane, G. West, S. van der Leeuw, D. Pumain (Eds.), *Complexity Perspectives on Innovation and Social Change*. Chapter 5. (pp. 153-193). Dordrecht: Springer Methodos Series.

Hamberger, K., Houseman, M., White, D. R. Kinship Network Analysis. In P. Carrington, J. C. Scott (Eds.), *Sage Handbook of Social Networks*. Accepted: 2009.

White, D. R. Kinship, Class, and Community. In P. Carrington, J. C. Scott (Eds.), *Sage Handbook of Social Networks*. Accepted: 2009.

White, D. R. Social Networks, Culture, and Cognition. In D. Kronenfeld, G. Bennardo, V. De Munch, M. Fischer (Eds.), *Blackwell Handbook of Cognitive Anthropology*. Accepted: 2009.

White, D. R., Tambayong, L., Kejžar, N. (2006). Oscillatory dynamics of city-size distributions in world historical systems. In G. Modelski, T. Devezas, W. R. Thompson (Eds.), *Globalization as Evolutionary Process: Modeling, Simulating, and Forecasting Global Change*. Chapter 9. (pp. 190-225). London: Routledge.

White, D. R. Emergence, Transformation and Decay in Pastoral Nomad Socio-Natural Systems. In S. van der Leeuw, U. Svedin, T. Kohler, D. Read (Eds.), *Emergence, Transformation and Decay in Socio-Natural Systems*. Ch. 9. Addison Wesley. Accepted: 2005.

Johansen, U., White, D. R. (2002). Collaborative Long-Term Ethnography and Longitudinal Social Analysis of a Nomadic Clan in Southeastern Turkey. In R. Kemper, A. P. Royce (Eds.), *Chronicling Cultures: Long-Term Field Research in Anthropology*. (pp. 81-99). Walnut Creek, CA: AltaMira Press.

White, D. R., Schnegg, M., Brudner-White, L. A., Nutini, H. G. (2002). Conectividad Múltiple, Fronteras e Integración: Compadrazgo y Parentesco en Tlaxcala Rural. In J. Gil-Mendieta, S. Schmidt (Eds.), *Análisis de Redes: Aplicaciones en Ciencias Sociales*. (pp. 41-94). Mexico, D.F.: IIMAS- UNAM (Instituto de Investigaciones en Matemáticas Aplicadas y en Sistemas- Universidad Nacional Autónoma de México).

White, D. R., Skyhorse, P. (2001). Parenté Suite: User's Manual for Analysis of Kinship and Marriage Networks. In O. V. Burton, T. Finnegan, D. Herr (Eds.), *Wayfarer: Charting Advances in Social Science and Humanities Computing*. (CD-ROM produced by the National Center for Supercomputing Applications, Urbana, Illinois, with PGRAPH software © D. R. White. Back pocket in, Orville V. Burton, ed., *Computing in the Social Sciences and Humanities*, Urbana: University of Illinois Press).

White, D. R., Schweizer, T. (1998). Kinship, Property and Stratification in Rural Java: A Network Analysis. In T. Schweizer, D. R. White (Eds.), *Kinship, Networks and Exchange*. Chapter 2. (pp. 36-58). Cambridge University Press.

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Houseman, M., White, D. R. (1998). Network Mediation of Exchange Structures: Ambilateral Sidedness and Property Flows in Pul Eliya, Sri Lanka. In T. Schweizer, D. R. White (Eds.), *Kinship, Networks and Exchange*. (pp. 59-89). Cambridge University Press.

Schweizer, T., White, D. R. (1998). Revitalizing the Study of Kinship and Exchange with Network Approaches. In Schweizer, White (Eds.), *Kinship, Networks and Exchange*. (pp. 1-9 and section introductions to "Part 1," "Part 2," "Part 3," and "Part 4"). Cambridge University Press.

Houseman, M., White, D. R. (1998). Taking Sides: Marriage Networks and Dravidian Kinship in Lowland South America. In M. Godelier, T. Trautmann, F. Tjon Sie Fat (Eds.), *Transformations of Kinship*. Chapter 3. (pp. 214-243). Smithsonian Institution Press.

White, D. R. (1991). Sharing Anthropological Data with Peers and Third World Hosts. In J. E. Sieber (Ed.), *Sharing Social Science Data: Advantages and Challenges*. (pp. 42-60). Newbury Park: Sage Focus Edition.

Reitz, K., White, D. R. (1989). Rethinking the Role Concept: Homomorphisms on Social Networks. In L. C. Freeman, D. R. White, A. K. Romney (Eds.), *Research Methods in Social Network Analysis*. (pp. 429-488). George Mason Press.

White, D. R., McCann, H. G. (1988). Cites and Fights: Material Entailment Analysis of the Eighteenth-century Chemical Revolution. In S. Berkowitz, B. Wellman (Eds.), *Social Structures: A Network Approach*. (pp. 380-400). Cambridge: Cambridge University Press. (Contemporary Studies in Sociology, Vol 15).

Burton, M. L., White, D. R. (1987). Cross-Cultural Surveys Today. In *Annual Reviews of Anthropology*. Vol. 16. (pp. 143-160). Palo Alto: Annual Reviews, Inc..

Brudner, L., White, D. R. (1979). Language Attitudes, Behavior, and Intervening Variables. In W. F. Mackey, J. Orenstein (Eds.), *Sociolinguistic Studies in Language Contact*. (pp. 51-68). (Mouton, Trends in Linguistics, Studies and Monograph).

Brudner, L., White, D. R., Walters, A. (1976). National Policy Programming: A Prototype Model from Language Planning. In P. R. Sanday (Ed.), *Anthropology and the Public Interest: Fieldwork and Theory*. (pp. 293-306). Academic Press.

White, D. R. (1974). Mathematical Anthropology. In J. J. Honigmann (Ed.), *Handbook of Social and Cultural Anthropology*. (pp. 369-446). Rand-McNally.

White, D. R., Weaver, T. (1972). Anthropological Approaches to Urban and Complex Society. In T. Weaver, D. White (Eds.), *The Anthropology of Urban Environments*. (pp. 109-125).

Weaver, T., White, D. R. (1972). Sociological Approaches to Urban and Complex Society. In T. Weaver, D. White (Eds.), *The Anthropology of Urban Environments*. (pp. 97-107).

Vargus, B., White, D. R. (1971). An Attempt to Utilize Computers in Urban Affairs Education. In *Proceedings of the Second Annual Conference on Computers in the Undergraduate Curricula*. (pp. 365-370). Dartmouth College.

Books

White, D. R., Johansen, U. (2006). *Network Analysis and Ethnographic Problems: Process Models of a Turkish Nomad Clan*. Lexington, MA: Lexington Press/AltaMira. (Paperback edition).

White, D. R., Johansen, U. (2004). *Network Analysis and Ethnographic Problems: Process Models of a Turkish Nomad Clan*. Lexington, MA: Lexington Press/AltaMira.

Books Edited

Schweizer, T., White, D. R. (Eds.), (1998). *Kinship, Networks, and Exchange*. Cambridge University Press.

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Freeman, L. C., White, D. R., Romney, A. K. (Eds.), (1989). *Research Methods in Social Network Analysis*. George Mason.

Weaver, T., White, D. R. (Eds.), (1972). *The Anthropology of Urban Environments*. No. 11. The Society for Applied Anthropology, Monograph Series.

Commentaries/Prospectives/Review Articles

White, D. R., Manlove, R. (2006). Editorial Commentary. *Structure and Dynamics*, 1(2), 360-371.

White, D. R. (1995). Current Anthropology. [Review of Augner, R., *On Ethnography: Story-Telling or Science?*]. 36(1), 122-123.

White, D. R. (1993). American Anthropologist. [Review of Hage, P., Harary, F., *Exchange in Oceania: A Graph Theoretic Approach*. Oxford Press.]. 95.

White, D. R. (1990). On the Explanation of Polygyny: Additional Source Materials. *Current Anthropology*, 31(3), 313.

White, D. R. (1989). Text Handling Software: A Variety of Hypertexts. *Cultural Anthropology Methods Newsletter*, 1(1), 5,11-12.

White, D. R. (1988). [Review of Guyer, J., *The Multiplication of Labor: Historical Methods in the Study of Gender and Agricultural Change in Modern Africa*]. *Current Anthropology*, 29, 266-267. (Star Treatment commentary).

White, D. R., Kokot, W. (1980). American Anthropologist. [Review of Schweizer, T., *Methodenprobleme Des Interkulturellen Vergleichs: Probleme, Lösungsversuche, exemplarische Anwendung*. (6). Kolner Ethnologische Mitteilungen. 1978]. 82, 928-930.

Brudner, L. A., White, D. R. (1979). American Anthropologist. [Review of D. Levinson (Ed.), *Guide to Social Theory: Worldwide Cross-Cultural Tests*. (6 Vols.)]. 81, 952-954.

White, D. R. (1970). Diversity and Homogeneity: A Comparative Analysis of Societal Characteristics Based on Data from the Ethnographic Atlas. [Review of Bourignon, E., Greenbaum, L., *Occasional Papers in Anthropology*. (1, pp. 1-142). 1968]. *American Anthropologist*, 72, 378-379.

Encyclopedia Articles

White, D. R. (2009). Dynamics of Human Behavior. In *Encyclopedia of Complexity and Systems Science*, Berlin, Heidelberg: Springer-Verlag. Preprinted 2008 as Dynamics of Human Behavior. Santa Fe Institute. (Working paper 08-09-042).

White, D. R. (2008). Standard Cross-Cultural Sample. In W. A. Darity Jr (Ed.), *International Encyclopedia of the Social Sciences*, vol. 8, 2nd edition, (pp. 88-93). Detroit: Macmillan Reference USA. The Gale Group.

White, D. R. (2003). Ties, Weak and Strong. In K. Christensen, D. Levinson (Eds.), *Encyclopedia of Community*, vol. 4, (pp. 1376-1379). Thousand Oaks, CA: Sage Reference.

White, D. R. (1995). George Peter Murdock. In *American National Biography*, Oxford University Press under the auspices of the American Council of Learned Societies. (<http://www.anb.org>). 4pp. <http://www.anb.org/articles/14/14-01020.html?a=1&n=Murdock&d=10&ss=1&q=3>.

Burton, M. L., White, D. R. (1986). Sexual Division of Labor. In A. Kuper, J. Kuper (Eds.), *Encyclopedia of the Social Sciences*, (pp. 206-207). London: Routledge.

Journal Articles, Peer-Reviewed

Schweitzer, F., Sornette, D., Vespignani, A., Fagiolo, G., Vega-Redondo, F., White, D. R. (2009) Economic Networks: The New challenges. *Science* 24 July: 422-425. Special Issue on Complex

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Systems and Networks. <http://www.sciencemag.org/cgi/reprint/325/5939/422.pdf> See: Synopsis of Economic Networks: The New Challenges - UCI publicity - Soc Sci News

Schweitzer, F., Sornette, D., Vespignani, A., Fagiolo, G., Vega-Redondo, F., White, D. R. (2009). Economic Networks: What do we know and what do we need to know? *Advances in Complex Systems* 12(4-5):407-422. Preprinted as Santa Fe Institute Working Paper 09-09-038.

White, D. R. (2009). Pinpointing Sheets for the Standard Cross-Cultural Sample: Complete Edition. *World Cultures*, 17(1), 1-223. (73 new Pinpointing Sheets totaling 186).

Nakano, T., White, D. R. (2007). Network Structures in Industrial Pricing: The Effect of Emergent Roles in Tokyo Supplier-Chain Hierarchies. *Structure and Dynamics*, 2(3), 130-145.

Reichardt, J., White, D. R. (2007). Role Models for Complex Networks. *European Physical Journal-B*, 60, 217-224. (Selected and illustrated as a "Highlights" paper of *Europhysics News* 39(1):11).

White, D. R. (2006). A Formal Model of the Bilateral/Matrilineal Network Ratio. *Structure and Dynamics*, 1(1), 8-11. (In C. T. Palmer, L. Steadman, K. Coe, "More Kin: An Effect of the Tradition of Marriage").

White, D. R., Kejžar, N., Tsallis, C., Farmer, D., White, S. (2006). A Generative Model for Feedback Networks. *Physical Review E*, 73, 016119. (General Methods of Statistical Physics. <http://tinyurl.com/ylpbn3>. Preprinted cond-mat (2005) <http://arxiv.org/abs/cond-mat/0508028>. Preprinted Santa Fe Working Paper 2005-08-034. <http://www.santafe.edu/research/publications/wpabstract/200508034>. Reprinted eScholarship Repositories <http://repositories.cdlib.org/imbs/socdyn/wp/wp2/>).

White, D. R., Manlove, R., Colby, B. N., Garfias, R., Bell, D. (2005). Introduction to Structure and Dynamics: Inaugural Issue. *Structure and Dynamics: eJournal of Anthropological and Related Sciences*, 1(1), 1-4. (<http://repositories.cdlib.org/imbs/socdyn/sdeas/vol1/iss1/1>).

Denham, W. W., White, D. R. (2005). Multiple Measures of Alyawarra Kinship. *Field Methods*, 17(1), 70-101. (Findings replicated in publications by the MIT Department of Brain and Cognitive Sciences machine learning team).

Powell, W. W., White, D. R., Koput, K. W., Owen-Smith, J. (2005). Network Dynamics and Field Evolution: The Growth of Interorganizational Collaboration in the Life Sciences. *American Journal of Sociology*, 210(4), 1132-1205. (<http://www.journals.uchicago.edu/AJS/journal/content/v110n4.html>. Preprinted as Santa Fe Institute Working Paper 2003-02-004. (refereed), <http://www.santafe.edu/research/publications/wpabstract/200302004>).

White, D. R. (2004). A Student's Guide to Statistics for Analysis of Cross-Tabulations. *World Cultures*, 14(2), 179-193.

White, D. R. (2004). Cross-Cultural Research: An Introduction for Students. *World Cultures*, 14(2), 164-178.

White, D. R. (2004). Network Analysis and Social Dynamics. *Cybernetics and Systems*, 35(2-3), 173-192. (International Journal of the Austrian Society for Cybernetic Studies, special issue on Mathematical Anthropology, edited by Dwight Read).

White, D. R., Powell, W. W., Owen-Smith, J., Moody, J. (2004). Networks, Fields and Organizations: Micro-dynamics, scale and cohesive embeddings. *Computational and Mathematical Organization Theory*, 10(1), 95-117. (Special issue on Mathematical Representations for the Analysis of Social Networks within and between Organizations, guest edited by Alessandro Lomi and Phillipa Pattison. Preprinted as Santa Fe Institute Working Paper 2004-03-009 (refereed), <http://www.santafe.edu/research/publications/wpabstract/200403009>).

White, D. R. (2004). Ring Cohesion in Marriage and Social Networks. *Mathématiques et Science Humaines*, 168, 5-28. (Paris: École des Hautes Études en Sciences Sociales).

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Intellectual Property - Patents, Copyrights, etc.

Contracts, Grants, Fellowships

Previously Submitted?	FUNDING SOURCE/NUMBER	ROLE*	AMOUNT** (T) Total (D) Direct	Date Span of Award	
No	NSF (submitted)		\$299,887 (T)	2010	
No	ANR		\$194,000 (T)	2005	
	Informatic Treatment of Kinship Phenomena in Anthropology. Central Project member and investigator (PIs Michael Houseman and Cyril Grange). Agence Nationale de la Recherche (http://www.gip-anr.fr/), the French . National Science Foundation. The project funds two research groups in France in which I am the central innovator in terms of development of theory, methods and applications.				
No	European Union Grant (Subcontracted component): Society as a Complex System		\$10,000 (T)	2002	2005
	PIs on the main grant are Profs. Sander van der Leeuw, David Lane and Geoffrey West.				
No	NSF - National Science Foundation Declined (Human Social Dynamics RFP)	PI	\$745,000 (T)	2004	
No	Santa Fe Institute Workshop on Modeling Macrosocial System Dynamics. Co-Organizer		\$25,000 (T)	4/2004	5/2004
No	NSF - National Science Foundation	PI	\$7,000 (T)	2000	2002
	Undergraduate Research Training Awards. (2 awards, \$4,000, \$3,000)				
No	NSF - National Science Foundation / BCS-9978282	PI	\$75,000 (T)	1999	2002
No	UC Mexus / MEX-27878	PI	\$6,100 (T)	7/1/2000	6/30/2002
No	Mellon Program Development Grant in Anthropology and Demography		\$70,000 (T)	1997	2000
	For postdoc Eric Widmer, University of Geneva				
No	UC Office of the President Interuniversity Academic Initiatives Funding	PI	\$15,000 (T)	1997	1998
No	UC Office of the President Interuniversity Academic Initiatives Funding	PI	\$15,000 (T)	1996	1997
No	California Institute of Technology		\$40,000 (T)	1995	1996

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Mellon Program Development Grant in Anthropology and Demography					
No	Faculty Senate Cultural Diversity Grant		\$1,960 (T)	1995	1996
The Historical Omaha					
No	Faculty Senate Research Fellowship / IRF-43		\$8,000 (T)	1994	1995
Longitudinal Studies in Anthropological Field Sites					
No	NSF - National Science Foundation / SBR-9310033	PI	\$47,793 (T)	1993	1995
No	NSF - National Science Foundation	Co-PI	\$0	1988	1990
No	NSF - National Science Foundation	PI	\$0	1986	1989
Renewals Funded 87-88, 88-89					
No	NSF - National Science Foundation	Co-PI	\$4,000	1987	1988
Undergraduate Research Training Award					
No	NSF - National Science Foundation	Co-PI	\$80,000	1987	1988
Co-PI with 4 other PIs. Conference to Assess the Past and Help Plan the Future of Cross-Cultural and Comparative Research. (Transferred to Michael Burton)					
No	Wenner-Gren Foundation for Anthropological Research	PI	\$6,000	1986	1987
No	NSF - National Science Foundation	Co-PI	\$0	1985	1987
No	UC Faculty research Awards Macro-Cultures Research		\$3,000	1985	1986
No	Wenner-Gren Foundation for Anthropological Research	PI	\$12,000		1985
Development Research Planning Conference					
No	NSF - National Science Foundation	Co-PI	\$0	1981	1983
No	University of California, Irvine Instructional Development of Campus-wide Social Science Data Computer Access Project		\$0	1979	1980
No	MECA (Maximum Extensibility of Comparative Analysis) and NETWORKER (Social Network Analysis), Committee on Instructional Development, UC Irvine		\$6,000	1977	1979
No	NSF - National Science Foundation	Collaborator	\$130,000 (T)	1977	1979
Project Evaluator EIES OnLine Social Network Project					
No	NSF - National Science Foundation	Co-PI	\$0	1976	1980
No	NSF - National Science Foundation	Co-PI	\$283,000	1968	1973
Cross-Cultural Cumulative Coding Center					
No	Dean's Office, University of Minnesota. Societal Research Archives System		\$4,000 (T)	1965	1967

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No	N.S.F Cooperative Fellowship (Travelling)	\$50,000 (T)	1964	1967
No	N.I.M.H. Graduate Fellowship	\$12,000 (T)	1963	1964

PROFESSIONAL RECOGNITION AND ACTIVITY

Memberships

Complex Systems Society, (2005 - Present).
Society for Anthropological Sciences (SASci), (2002 - Present), Founding Member.
Alexander von Humboldt Association of America, (1995 - Present), Lifetime Member.
American Sociological Association, (1980 - Present), Member.
Int'l Network for Social Network Analysis, (1977 - Present), Charter Member.
American Anthropological Association, (1969 - Present), Fellow.
American Statistical Association, (2006 - 2008).
European Association of Social Anthropologists, (2006 - 2008).
Cognitive Sciences Society, (1979 - 2004), Charter Member.
Social Science Computing Association, (1991 - 1996), (President Elect/President 1991-93).
French Mathematical Society, (1991 - 1995), Member.
Society for Applied Anthropology, (1977 - 1988), Fellow.
American Mathematical Association, (1981 - 1985), Member.
Society for Psychological Anthropology, (1978 - 1985), Charter Member.
Society for General Systems Research, (1970 - 1978), Member.
The Classification Society, No. American Branch, (1970 - 1977), Charter Member.
Society for Cross-Cultural Research, (1971 - 1975), Charter Member.

Honors and Awards

2000 - Present	International Who's Who.
1995 - Present	Who's Who in America.
2008 - 2009	Science Chair, Scientific Council, Reseau national des systemes complexes (RNSC), Paris.
2007	Powell, White et al (2006). Viviana Zelizer Distinguished Scholarship Award of the American Sociological Association, for the outstanding article published in the field of economic sociology in the previous two years, 2005-2006.
2007	Reichardt and White (2007). Selected as a "Highlights" paper of Europhysics News 39(1):11.
2004	Moody, White et al (2003). Outstanding Article Publication Award for 2003, Mathematical Sociology Section of the American Sociological Association.
2004	One of 3 (Nominating Committee) Candidates for Presidency, Society for Anthropological Sciences.
2002	Information Technology and International Cooperation Summer Institute 2002 faculty invitee (declined to: Saskia Sassen), hosted by the SSRC program on Information Technology, International Cooperation and Global Security (ITIC) and Columbia University's Center for Organizational Innovation Leading scholars and practitioners brainstormed about directions for future social research on IT as it bears on communities and boundaries; design and the politics of access and openness; property, personhood and information; the securing of social spaces; and socio-economic development.
1995 - 1996	Visiting Fellow, Leibnitz Program, University of Cologne.
1992	Awardee, Bourse de Haute Niveau, Ministère de la Recherche et de la Technologie, Paris.
1989 - 1991	Alexander von Humboldt Distinguished Senior U.S. Scientist Research Award (2 years).
1981 - 1984	Fellow, Center for Advanced Studies, Western Behavioral Science Institute, La Jolla.

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1965 - 1966 Visiting Fellow, Anthropology and Mathematical Sociology, Columbia University.
1964 - 1965 C.I.C. Traveling Scholar, Anthropology and Mathematical Psychology, University of Michigan.
1963 - 1964 National Science Foundation Cooperative Fellowship.
1963 - 1964 Predoctoral Fellow, National Institute of Mental Health.
1963 SPAN Fellowship for Research in Brazil.
1958 - 1959 American Field Service, School Year Scholarship, Madrid.

Invited presentations at educational, governmental institutions (or similar organizations)

4/30/2009 - 5/2/2009 "Cohesive groups and social dynamics", Conference on "Group as Individual in Social Dynamics", Center for Social Dynamics and Complexity, Arizona State University. Invited speaker.

12/5/2008 Arthur S. Iberall Distinguished Lecture, Series on Life and the Sciences of Complexity, "Social physics: Networks and causal chains", Center for the Ecological Study of Perception and Action (CESPA), University of Connecticut.

12/4/2008 CESPA Tutorial: Using R, Pajek, and Spss for Simulation, Estimation, Visualization, and Model Testing, University of Connecticut.

6/24/2008 Invited Tutorial "Organizational, social, and complex generative networks." International Workshop and Conference on Network Science (NetSci 08), Norwich BioSciences Conference Centre, Norwich Research Park, Norwich, UK, (<http://www.nrp.org.uk>). Invitation from Jozsef Baranyi.

6/12/2008 "Advanced methods for fitting competing models of degree distributions from networks and city size distributions", Seminar on Advanced Statistics, Sociology Dept, U Geneva. Invited speaker.

5/27/2008 "Complex Social-Circles and Feedback Networks", Colloquium on "Selected Challenges in the Social Sciences: Modeling and Simulation Approaches", Department of Sociology, U. Zurich. Invited speaker.

8/2007 Lectures and Tutorials, French Complex Systems Summer School, Paris,
Lecture 1 Complex Dynamics of Distributional Change - Systems of Cities
Lecture 2 Small-World Dynamics on a Continental Scale - Demographic Systems and Mating
Lecture 3 Evolution of Collaboration and Innovation in the World Biotechnology Network
Lecture 4 Pricing, Monopsodies, and Hierarchical Structures of Large Industrial Systems
Lecture 5 MLE, the Feedback Network (Social Circles) Generative Model
Lecture 6 Retrofitting Empirical Network Findings to Generative Models.
Lecture 7 Generalized Block and Bloc Modeling the World Economy 1965-1980.

3/26/2007 "Dynamics of City System Rise and Fall: Mid-Asia, China, and Europe over 25 periods in the last millennium of globalization", Columbia University, Sociology Department Conference on Economic Networks. Invited Speaker.

5/15/2006 "A relational law of city networks, network biconnectivity, trade, and the q-dynamics of historical city size distributions", SFI Science Board, Santa Fe Institute, Invited Speaker, with Tambayong, L.

5/12/2006 - 5/13/2006 "Network Dynamics of City Sizes, Trade Networks, and Conflict", Annual Science Board Symposium, Santa Fe Institute, Invited Speaker, with Tambayong, L.

6/28/2005 "Civilizations as Dynamic Networks", Institute of Ethnology, University of Cologne. Invited speaker.

6/27/2005 "Transforming Ethnographic Data and Analytical Problems into Network Data Suitable for Complementary Analysis and Theory", Halle Max Planck Institute for Social Anthropology, Halle, Germany. Invited speaker.

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- 6/20/2005 "Theory and Analysis of Kinship Networks", Anthropology Department, University of Hamburg. Invited speaker.
- 6/2/2005 "Civilizations as Dynamic Networks", Anthropology and Sociology, Central European University. Invited speaker.
- 5/27/2005 "Anthropology and Structural Cohesion: Theory and Four Ethnographic Examples", Anthropological Science, seminar, University of Ljubljana. Invited speaker.
- 5/24/2005 "Network Dynamics of Inter-Organization Collaborations in Biotechnology, 1988-1999", jointly sponsored, Faculty of Economics and School of Social Science, University of Ljubljana, Invited speaker, with Powell, W. W., Owen-Smith, J.
- 5/5/2005 "The Influence of Pajek on Scientific Research and Education", Press conference, University of Ljubljana. Invited speaker.
- 8/2004 "Civilizations as Complex Networks", International Working Group Collaboration on Network Analysis, Santa Fe Institute, Invited workshop speaker.
- 6/28/2004 - 6/30/2004 "Réseaux de Parenté (Genealogical Analysis in History and Ethnography)", Séminaire Pajek – Sorbonne, Centre Roland Mousnier, Paris, Université de Sorbonne, Paris, Invited workshop 3-day presentation.
- 6/7/2004 - 6/11/2004 "Modeling the Dynamics of Network Formation and Evolution", Workshop on Dynamics of Groups and Institutions: Their emergence, co-evolution and environment, Santa Fe Institute and the Research Centre of the Slovenian Academy of Sciences, Invited Workshop. Presenter.
- 2/2004 "Quantitative Network Analysis", Time-mapping Globalization in the World-System, UC Riverside, Invited lecture, with Hanneman, R.
- 12/2003 "Networks, cohesion and scaling", Conference on the Information Society as a Complex System, Château de Champs-sur-Marne, Invited lecture.
- 11/2003 "Kinship Networks and Demography", Stanford, Anthropological Sciences, Invited lecture.
- 10/2000 "Social Structure and Demography", Max Planck Institute, Rostok, Invited lecture.
- 9/2000 "Structural Demography", INED (National Institute of Demographic Research), Paris, France, Invited lecture.
- 7/2000 "Networks and Ethnography", University of Cologne Conference on Networks, Ethnography and Social Theory, Keynote Address.
- 4/2000 "Combining thermodynamic laws with multi-agent models: Velocity of trade phase transitions in economic organizations", UCLA Complex Adaptive Systems working group, Invited lecture.
- 2/1999 "Decentralized Systems and The Invisible State: Low Density Multiconnected Cohesion in Large-Scale Social Networks in Tlaxcala, Mexico", Conference on Decentralization, Institute for Mathematical Behavioral Sciences and Department of Economics, Invited lecture, with Schnegg, M., Brudner, L.

Invited Presentations at Professional Meetings

- 9/16/2009 6th European Social Simulation Association conference, Surrey, UK, Turned down the invitation to be a keynote speaker. "The ESSA conferences are the oldest and best established social simulation conference series. You would be of particular interest to our attendees due to your mix of interests from social network analysis and ethnography. Social simulation is at a tipping point and I hope that your talk could play a small part in nudging the field towards some useful modeling and away from simplistic/toy models" - Organizer.
- 10/24/2008 - 10/25/2008 "Kinship Computing and Complexity: Cohesion, Class and Community", Quai Branly anthropology museum, Paris, "New approaches to computing and

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- kinship" Keynote live videoconference presentation. (Tutorial: Using R, Pajek, and Spss for Simulation, Estimation, Visualization, and Model Testing).
- 11/30/2007 "Revisiting Questions of Identity and Difference in Ethnography and Surveys: What Good are Models?", Session: Computational Models in Anthropology: What Are They Good For? Why Should You Care? 106th AAA Annual Meeting, Washington, DC. Invited Speaker.
- 8/7/2006 "Depth Partitions and Hierarchical Network Structure in a Tokyo Industrial District", JSM (the Joint Statistical Meetings), Seattle, Washington, Network Session chaired by Cosma Shalizi. Invited Lecture, with Nakano, T.
- 5/20/2006 - 5/24/2006 "Innovation, Networks and Dynamics", Final ISCOM meeting, Venice, Invited lecture.
- 4/6/2006 - 4/8/2006 "Causality of Network Configurations in Historical Dynamics: Some Hypotheses and Evidence", Globalization as Evolutionary Process Modeling, Simulation, and Forecasting Global Change, sponsored by the Calouste Gulbenkian Foundation, International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria. Invited Speaker.
- 3/23/2006 "Rethinking World Historical Systems from Network Theory Perspectives: Medieval Historical Dynamics 1175-1500", International Studies Association San Diego 47th Annual ISA Convention, Town & Country Resort and Convention Center. Invited Speaker.
- 2005 ISCOM (Information Society as a Complex System (ISCOM) Third Annual Meeting, Santa Fe Institute. Invited discussant.
- 11/14/2005 - 11/18/2005 "Civilizations as Dynamic Networks: Multi-net analysis and nonlinear dynamics", European Conference on Complex Systems, Paris, Keynote Address.
- 4/4/2005 Network Group, "Network Dynamics and Scaling," Information Society as a Complex System (ISCOM) Third Annual Meeting, Reggio-Modena, Italy, Keynote Address.
- 2/2005 "World-System Network Dynamics in the Early Renaissance", Redondo Beach 23rd Annual International Social Network (INSNA) meeting, World-Systems Session. Invited speaker.
- 2/2005 "Conceptual Ethnography", Santa Fe meeting, Santa Fe Society for Anthropological Sciences (SASci). Invited speaker.
- 10/2004 "The uses and practices of genealogy in the human, social and biological sciences", Genealogy and Social Cohesion Meetings invitation from 17th Entretiens du Centre Jacques Cartier, Montreal, Keynote Address.
- 6/2004 "Social Networks of the Internet", Complexity Science Institute of Paris, Invited lecture. (Clémence Magnien).
- 4/2004 - 5/2004 "Civilizations as Dynamic Networks", Santa Fe Institute Workshop on Modeling Macrosocial System Dynamics. Invited Workshop Presenter/Macrosocial systems.
- 6/2003 "Social cohesion in organizations", Séminaire "Réseaux et régulation", IRESO, Paris, Invited lecture.
- 5/2003 "Networks from Genealogies and Linked Censuses: Why do they matter?", Population Association of America. Minneapolis, Invited lecture, with Moody, J.
- 11/2002 "Sided with Omaha but no Twist: Three Logics of Alyawarra Kinship", Society for Anthropological Sciences, New Orleans, Invited lecture, with Denham, W. W.
- 9/2001 "Network Dynamics and Organizations: Social Structure and Process in the Field of Biotechnology", Swiss Sociological Association. Geneva, Switzerland, Keynote Address.

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Other Presentations at Professional Meetings

- 6/18/2009 - 6/19/2009 "Large scale historical dynamics", Budapest Conference on "The Unexpected Link Using Network Science to tackle social problems", Central European University, George Soros and his Quantum Funds executives expressed great interest in this conference, and would join your panel, Invited speaker, with White, H. C., Saura, S., Luczkovich, J., Bodini, A., Christensen, V., Uzzi, B., Contractor, N., Stark, D., Johnson, J., Zeev, M., Kogut, B., Gadagkar, R., Diani, M.
- 3/15/2009 - 3/19/2009 "Kinship network analysis", XXIX Sunbelt INSNA conference, San Diego.
9/12/2008 "Testing causal effects of structural k-cohesion", Behavior Group Talk, Santa Fe Institute.
- 6/30/2008 - 7/3/2008 "Power-Law and 'Elite Club' in a Complex Supplier-Buyer Network: Flexible Specialization or Dual Economy?", Academy of International Business annual meetings, Milan, Italy, Competitive session - Tom Nakano and Douglas R. White.
- 6/23/2008 - 6/27/2008 "Beyond modularity: density generalized block modeling", Network Science (NetSci '08), Norwich, UK, with Reichardt, J. Refereed.
- 8/7/2007 "The 'Visible Hand' in Production-Chain Markets: Empirical Study of Harrison White's Network Model", Interactive Paper session titled "Supply Chain Design II." Academy of Management Annual Meeting, Philadelphia, Production Chains - Tom Nakano and Douglas R. White.
- 4/20/2007 "Rethinking Social Complexity and Resilience: Human Survival and Complex Network Dynamics at Continental Scales", 4 Campus UC Videoconference on Human Social Complexity, with Tambayong, L.
- 3/15/2007 "The Social Circles (Feedback) Generative Network Model and Its MLE", UCI Network Research Group Meeting, UC Irvine, Discussion paper.
- 2/21/2007 - 2/24/2007 "The Indigenous Australian Marriage Paradox: Small-World Dynamics on a Continental Scale", SASci Session on Formalization as a Tool for Empirical Research. What it Buys us and What it Doesn't. SASci Meeting, San Antonio, TX, Organized by David Kronenfeld. Main Theme: Four-Field Anthropology and Science, with Denham, W. W.
- 2/21/2007 - 2/24/2007 "Eurasian city system dynamics in the last millennium", Society for Cross-Cultural Research. SCCR Symposium: Historical Dynamics in Cross-Cultural Perspective, San Antonio, TX.
- 2/21/2007 - 2/24/2007 Workshop/Tutorial in public domain instructional and research materials for Cross-Cultural Research. SASci Meeting, Main Theme: Four-Field Anthropology and Science, San Antonio, TX.
- 1/22/2007 - 1/23/2007 "Urban and ecosystem dynamics: past, present, future", Workshop on aspects of Social and Socio-Environmental Dynamics, School of Human Evolution and Social Change, Arizona State University.
- 8/11/2006 - 8/14/2006 "Power-Law and 'Elite Club' in a Complex Supplier-Buyer Network: Flexible Specialization or Dual Economy?", American Sociological Association's 101st Annual Meeting. Session on "Networks and Organizations", Montreal, Social Networks Session, organized by Martin Ruef.
- 8/11/2006 - 8/14/2006 "The Large-Scale Strategic Network of a Tokyo Industrial District: Small-World, Scale-Free, or Depth Hierarchy", American Sociological Association's 101st Annual Meeting. Session on "Networks and Organizations", Montreal, Complex Systems Session organized by John Padgett.
- 6/22/2006 "The Five Alternations Between Global Economy and Regional Economies in Eurasia in the Last Millennium: Definitive Evidence of Macro Civilizational Dynamics", VidCon S06#6 Human Science and Complexity (Video Recorded), (IMBS, UCI), with Tambayong, L.

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3/23/2006 "Causality of Network Configurations in Historical Dynamics: Some Hypotheses and Evidence", San Diego 47th Annual ISA Convention, International Studies Association.

9/30/2005 "Civilizations as Dynamic Networks" / "Networks, Hierarchy and Complexity, Historical Modeling and Simulation: What do Network Interdependencies have to do with Civilizational Dynamics?" Founding Lecture, Four-Campus UC Human Sciences and Complexity VideoColloquium.

8/23/2005 "Civilizations as Complex Networks", International SFI Collaboration on Network Analysis Working Group Conference.

2/2005 "Macromodels - Civilizations as Dynamic Networks", Santa Fe Society for Anthropological Sciences (SASci), Santa Fe meeting.

1/2004 "Network Processes in Evolving Systems. Opening research focus group discussion", MBS program in Social Dynamics and Evolution, UCI.

12/2003 "Network Dynamics, Cohesion and Scaling", Second ISCOM (Information Society as a Complex System) Workshop, Paris.

8/2003 "Network Dynamics and Field Evolution: The Growth of Interorganizational Collaboration in the Life Sciences", Annual Meeting. Session: Social Networks as Resources, American Sociological Association, with Powell, W. W., Koput, K. W., Owen-Smith, J. D. (Presenter)

8/21/2003 - 8/30/2003 "Santa Fe Institute", "Predictive Cohesion Theory" and "Ring Cohesion as Network Theory." First ISCOM (Information Society as a Complex System) Workshop.

3/2003 "The Navigability of Strong Ties: Small Worlds, Complex Dynamics and Network Topologies", Second Lake Arrowhead Conference on Human Complex Systems, Lake Arrowhead, with Houseman, M.

2/12/2003 - 2/16/2003 "The navigability of strong ties: Small worlds, complex dynamics and network topologies", The Dynamics of Personal Networks. Sunbelt 23rd Annual International Social Network (INSNA) Conference, Cancún, (paper read by Alain Degenne), with Houseman, M.

5/2002 "The Marriage Core Network of the Elite of Colonial Guatemala", Lilnet Micro-Macro Conference, University of Lille, with Valverde, N. A., Vargas, S. C.

4/2002 "Network Analysis and Social Dynamics", Conference session on Mathematical Modeling and Anthropology: Its Rationale, Past Successes and Future Directions. 16th European Meeting on Cybernetics and Systems Research, University of Vienna.

11/2001 "Taking Sides: From Coherent Practice to Macro Organization", Session on Cultural Idea Systems: Logical Structures and The Logic of Instantiation, American Anthropological Association, Washington, DC, with Houseman, M.

9/2001 "From Tarascan Empire to Craft Production: Longitudinal Network Research on Tzintzuntzan Mexico", Conference session on Sociology of the Family, University of Geneva.

9/2001 "Networks and Complexity", NSF Workshop, Dept of Physics, University of Geneva.

5/2001 "Network Dynamics and Emergent Organization: The Biotech Industry", Instituto de Investigaciones en Matemáticas Aplicadas y en Sistemas. UNAM-México DF.

1/2001 "Network Dynamics and Emergent Organization", UCLA Computational Models Conference.

12/2000 "Network Dynamics and Emergent Structure", Conference on Conceptualizing Human Environmental Dynamics: Towards a Unified Evolutional Modeling Framework, Santa Fe Institute.

2000 "Preliminary Analyses of Florentine Marriages, 1300-1500", University of Cologne Conference on "Networks, Ethnography and Social Theory", with Padgett, J.

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10/2000 "Social Structure and Demography", NSF Workshop, Max Planck Institute, Rostok, Germany.
9/2000 "Workshop on Structural Demography", NSF Workshop, INED (National Institute of Demographic Research), Paris, France.
8/2000 "Connectivity, Cohesion, and Dynamics in Social Networks", Santa Fe Institute workshop presentation on Complex Interactive Networks, ([http://discuss.santafe.edu/dynamics/stories/storyReader\\$21](http://discuss.santafe.edu/dynamics/stories/storyReader$21)).
7/2000 "Cooperative Results of a Long-term Ethnographer and a Social Analyst: Social Dynamics of a Nomadic Clan in Southeastern Turkey", University of Cologne Conference on "Networks, Ethnography and Social Theory", with Johansen, U.
7/2000 "On the Structure of Social Networks Workshop I: Graph Theory", University of Cologne Conference on "Networks, Ethnography and Social Theory", sponsored by NSF, with Harary, F., Brudner, L.
7/2000 "On the Structure of Social Networks Workshop II: Applications of Graph Theory in Ethnographic Studies", University of Cologne Conference on "Networks, Ethnography and Social Theory", sponsored by NSF, with Brudner, L., Harary, F.

Professional Articles in this Period about you or Published Reviews of your Work (does not include publicity material)

Jeroen Bruggeman, *Social Networks: An Introduction*. Routledge. 2008
Review of work in last decade
Harrison White, *Identity and Control: How Social Formations Emerge* (2nd edition). Princeton: Princeton University Press. 2008
Some extensive reviews of work
Alvin Wolfe, *International Journal of Middle East Studies* 38(4):603-605. 2006
Review of Johansen and White 2005

Diversity Activities Related to Creative Activities (see APM 210)

PROFESSIONAL SERVICE

Service to Professional Societies (committees, session chair, conference organizer, etc.)

Scientific Committee of the French Réseau national des systèmes complexes (RNSC), Science Chair. (2008 - Present).
Working Group on Civilizations as Dynamic Networks, Santa Fe Institute, Organizer. (2005 - Present).
WORLD CULTURES databases (Atlas of Cultural Evolution, Ethnographic Atlas, KinDemo150), Development and hosting. (2003 - Present).
Center for Computational Social Science, UCLA, Board of Directors. (2000 - Present).
Center for Governance, UCLA, Board of Advisors. (2000 - Present).
SDHDA (Social, Demographic and Historical Database Archives) on Hunter-Gatherers, Pastoralists, Agriculturalists, and Complex Societies, Development and hosting. (2000 - Present).
Linkages, International Research Network for the Longitudinal Study of Community Development, Chair. (1990 - Present).
LINKAGES (Longitudinal Field Study Databases network), Board Chairman, development and hosting. (1988 - Present).
SCCS (Standard Cross Cultural Sample) research, Development and hosting. (1985 - Present).
European Complexity Science Society, Council Member. (2005 - 2009).
Steering Committee, European Complexity Science Conferences, Member. (2005 - 2009).
Fifth International Conference "Hierarchy and Power in the History of Civilizations", Panel chair and Discussant, Moscow, Russia. (June 23, 2009 - June 26, 2009).

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- Paper "K-cohesion and emergent causality in kinship and social networks," 29th Sunbelt INSNA conference, Co-chair of session on Kinship Network Analysis, San Diego. (March 15, 2009 - March 19, 2009).
- French Réseau national des systèmes complexes RNSC (NSF international workshops in new advances in network methodology), Science Chair (Scientific Committee). (2008).
- ANR (French NSF) Projet TIME - Traitement Informatique des Matériaux Ethnographies et Historique - Informatic Treatment of Kinship Phenomena in Anthropology and History, Member, Paris. (2005 - 2008).
- Programme Committee, European Complexity Science Conference, 2006 (ECCS'06: Networks), Said Business School, University of Oxford, 25-29 September. Also Networks Sections Reviewer. (2005 - 2007).
- Social and Historical Dynamics. Co-Hosted by the Said Business School, Oxford, and the James Martin Institute for science and civilization. European Conference on Complex Systems 2006 (ECCS '06), Invited Satellite Workshop Organizer. (2006).
- Analyzing Complex Macrosocial Systems: Civilizations as Dynamic Networks, Co-Initiator. (2003 - 2004).
- Social Scaling. Santa Fe Institute, Workshop Participant. (2003 - 2004).
- Social Scaling: Information Society as a Complex System. (2003 - 2004).
- Working Group on Analyzing Complex Macrosocial Systems. Santa Fe Institute, Co-Organizer. (2003 - 2004).
- CNRS Projet TIME jeunes chercheurs - Traitement Informatique des Matériaux Ethnographies, Member, Paris. (2002 - 2004).
- Co-Responsable scientifique - Liens, réseaux, configurations - aide informatique, filière Histoire sociale et démographie, Laboratoire de Démographie Historique, École des Hautes Études en Sciences Sociales, Paris. (September 2004).
- International SFI Collaboration on Network Analysis using Pajek, Santa Fe Institute, Organizer. (August 2004).
- Social Scaling. Santa Fe Institute, Working Group Participant. (2003).
- Steering Committee, Interest Group for Anthropological Sciences, Member. (2002 - 2003).
- Co-Responsable scientifique - Liens, réseaux, configurations - aide informatique, filière Histoire sociale et démographie, Laboratoire de Démographie Historique, École des Hautes Études en Sciences Sociales (September 2003, September 2002, September 2001, September 2000, September 1999), Paris. (1999 - 2003).
- Conceptualizing Human Environmental Dynamics: Towards a Unified Evolutionary Modeling Framework. Santa Fe Institute, Working Group Participant. (2000 - 2002).
- Co-evolution of States and Markets (Renaissance Florence and Biotech Industry), Working Group Participant. (1999 - 2002).
- Applied Systems Science (IIMAS) at UNAM (Mexico), (NSF international workshops in new advances in network methodology). (2001).
- Network Dynamics. Santa Fe Institute, Workshop Participant. (2000 - 2001).
- Institut National des Études Démographiques (NSF international workshops in new advances in network methodology), France. (2000).
- Institute of Ethnology at Cologne (NSF international workshops in new advances in network methodology). (2000).
- Max Planck Institute of Demography at Rostok (NSF international workshops in new advances in network methodology). (2000).
- Annual Meeting of the Social Science Computing Association USCD/SDDSC, Local Arrangements Organizer. (1995).
- Longitudinal Network Analysis. Social Science History Association, Panel Organizer. (1995).
- Social Sciences Computing Association, President. (1992 - 1993).
- Bourse de Haute Niveau, Ministère de la Recherche et de la Technologie. Laboratoire d'Analyse Secondaire et des Méthodes Appliquées à la Sociologie, Paris. (1992).
- Galois Lattices and Social Networks. 12th Annual Sunbelt Social Networks Conference, Organizer (with Lin Freeman), San Diego. (1992).

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Social Sciences Computing Association, President Elect. (1991 - 1992).
Monthly Faculty Seminar on Hierarchical Physics and the Social Sciences, with systems physicist Arthur Iberall. UCLA, Participant & Convener. (1990 - 1992).
Working groups in Discrete Structure Analysis and Social Sciences. Maison des Sciences de l'Homme, Co-Chair, Paris. (1991).
Maison des Sciences de l'Homme, Directeur d'Études. (1990 - 1991).
Linkages: World Development Research Council, President. (1986 - 1990).
Monthly Faculty Seminar on Hierarchical Physics and the Social Sciences, with systems physicist Arthur Iberall. UCLA, Participant & Convener. (1984 - 1989).
Conference on Cultural and Ecological Applications of Remote Sensing. Sponsored by NSF, Participant, Boulder, CO. (1987).
Planning Conference for a Social Science Scholar's Workstation, Sponsored by the Wenner-Gren Foundation, Organizer & Convener. (1987).
Development Research Planning Group, Sponsored by the Wenner-Gren Foundation, Organizer & Convener. (1986).
Linkages Planning Conference, Sponsored by the Wenner-Gren Foundation, Organizer & Convener. (1986).
Institute for World Understanding of Peoples, Cultures, Languages, Board of Directors, La Jolla, California. (1983 - 1985).
Third Annual Sunbelt International Social Networks (INSNA) Conference, Convener and Program Chair, San Diego. (1983).
Irvine Conference on Research Methods in Social Network Analysis, Organizer (with Lin Freeman). (1980).
Steering Committee, Center for Computer Assisted Textual Analysis (CCATA). UC San Diego and UC Irvine, Member. (1978 - 1980).
Human Relations Area Files, Computer Assisted Ethnographic Text-Analysis - Theory and Method of Comparative Ethnographic Text Interpretation, Project Planner and Consultant. (1979).
Electronic Information Exchange System, two-year computer teleconference on Social Network Research (funded by the National Science Foundation), National Evaluator and Participant. (1977 - 1979).
HRAF Planning Conference on Computerization and Teleconferencing of the Cross-Cultural Research Community, Organizer. (1976).
State of the Art in American Social and Cultural Anthropology, Conference organized by E. Adamson Hoebel, Invited Participant (Declined), Spring Hill. (1976).
Symposium on Ethnographic Models in Mesoamerican Research. American Anthropological Association, Chair and Organizer. (1976).
Advanced Research Symposium on Social Networks, Mathematical Social Science Board, Invited Participant. (1975).
Conference on Social Networks, Mathematical Social Science Board, Participant. (1974).
Project on Language Attitudes and Decision-Making, Ministry of Finance, Republic of Ireland, Deputy Director and Methodologist. (1971 - 1973).
Advisory Panel on Anthropology, Behavioral Sciences National Science Foundation. (1970 - 1972).
Committee on Information, Division of Social Sciences, National Academy of Sciences, Member. (1968 - 1972).
Conference on Natural Decision-Making, sponsored by the Mathematical Social Science Board, held in Palo Alto, Co-chairman with William Geoghegan. (1971).
Linguistics Institute of America, Summer Seminar on Sociolinguistics, SUNY at Buffalo, Post-Doctoral Participant. (1971).
Conference on the Anthropological Study of Urban Environments, School of American Research, Co-Chairman with T. Weaver, Santa Fe. (1969).
Symposium on Urban Anthropology, American Anthropological Association, Co-Chairman with T. Weaver, Seattle, Washington. (1969).
HRAF Planning Conference, Participant. (1968).

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Planning Committee Conference for the Mathematical Social Science Board Anthropology Program, Participant. (1968).

Journal Editor / Membership on Journal Editorial Boards

eScholarship Supervisory Editor (responsible for overview of published content), World Cultures eScholarship eJournal (also Founding Editor), including legacy issues, Editor. (2005 - Present).
Structure and Dynamics, Publication begun September 2005. Volume 1-3 (UC eScholarship Repository Journals and Peer-Reviewed Series), Editor in Chief. (2004 - Present).
Cultural Anthropology: The Field Study of Human Beings, Editorial Review Board Member. (2000 - Present).
University of Michigan series in Linking Levels of Analysis, Editorial Review Board Member. (1993 - Present).
Anthropology, Social Science Computer Review, Associate Editor. (1991 - Present).
Editorial Board (Founding Editor), World Cultures, Editorial Review Board Member. (1991 - Present).
Guest Editor, Networks and Complexity Special Issue, journal Complexity, Editor. (2001 - 2002).
Journal of Social Structure, Editorial Review Board Member. (1998 - 2000).
Journal of Behavioral Economics, Editorial Review Board Member. (1988 - 1993).
World Cultures series, Duke University Press, Editor. (1988 - 1991).
Founder and General Editor, World Cultures Electronic Journal, Editor. (1984 - 1990).
Social Networks, Elsevier Sequoia Press, Editorial Review Board Member. (1977 - 1982).
Computers and the Humanities. North-Holland Publishing Company, Editorial Review Board Member. (1979 - 1981).
Ethnology, Associate Editor. (1967 - 1976).

Standing Member of Review Boards for Funding Agencies

Ad hoc Service as Reviewer of Manuscripts and Referee of Proposals

American Anthropologist, American Antiquity, American Journal of Sociology, American Sociological Review, Behavioral and Brain Sciences, Current Anthropology, Human Organization, Journal of Social and Biological Structures, Physical Review E, PNAS, Science, Social Forces, Social Networks, Social Science Computer Review, and World Cultures, Journal Article Reviewer. (1968 - Present).
Grant Proposals for: NSF, NEH, NIMH, Social Science Research Council, Wenner-Gren, Reviewer. (1968 - Present).
Anthropology Review Panel, National Science Foundation, Reviewer. (1968 - 1970).

Consulting Activities

BWB, Del Mar, CA, Consultant. (2001 - 2003).
Western Behavioral Sciences Institute, La Jolla, CA, Consultant. (1981 - 1982).
Systemix Division, Xerox Learning Systems, Irvine, CA, Consultant. (1980 - 1982).

Diversity Activities Related to Professional Service (see APM 210)

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OTHER SERVICE

University Service/Systemwide - Academic Senate, Administrative Service; Senate Assembly; MRU, UCOP

UCLA Center for Computational Social Science, Board of Directors. (2000 - Present).
UCLA Center on Governance, Advisory Board. (2000 - Present).
Inter-campus Academic Initiatives Group in Comparative History and Social Theory, UC Davis. (1995 - 1997).
Education Abroad Review Committees for France, China, Member. (1994 - 1995).
Alternate Representative, University of California (Systemwide) Special Committee on Academic Computing, Member. (1981 - 1983).

University Service/Campus - Academic Senate and Administrative Service:

Human Subjects Institutional Review Board, Committee "C". (2001 - 2002).
EAP, Anthropology, Liaison Officer. (2000 - 2001).
Ad Hoc Committee for promotion to Professor VI, UCI, Member. (1997 - 1998).
Director of UCEOP, Special Advisor. (1994 - 1995).
Education Abroad Committee, Faculty Senate. (1992 - 1995).
Advisory Committee, University of California (Systemwide) Appropriate Technology Program, Member. (1981 - 1983).
Senate Committee on Computer Policy, Member. (1980 - 1983).
Executive Committee of the Academic Senate, Irvine Division, Member. (1980 - 1981).
Academic Senate Committee on Courses. (1978 - 1980).
Senate Committee on Academic Review. (1978 - 1979).

University Service/School

Social Dynamics and Complexity Group, IMBS PhD Program, Chair. (2005 - Present).
Institute for Mathematical Behavioral Sciences. UC Irvine. (1994 - Present).
Social Dynamics and Complexity focus research group, within the PhD Program in Mathematical Behavior Sciences, Chair. (2006).
Social Dynamics and Evolution focus research group, within the PhD Program in Mathematical Behavior Sciences, Chair. (2004 - 2006).
Social Dynamics and Evolution Group, IMBS PhD Program, Chair. (2004 - 2005).
Ph.D. Program in Social Networks, UC Irvine, Graduate Director. (1998 - 2003).
Social Networks PhD Program, University of California, Irvine, Graduate Director. (1995 - 2003).
Graduate Committee, Social Relations Ph.D. Program. (1998 - 2000).
Ph.D. Program in Social Networks, UCI, Graduate Director. (1995 - 1996).
Committee on International Education, UCI, Chair. (1994 - 1996).
Social Relations Graduate Program Committee, Member. (1989 - 1990).
Social Networks Colloquium Committee, Chair. (1982 - 1983).
Computer Committee, School of Social Sciences, Member. (1979 - 1982).
Academic Senate Committee on Courses, Chair. (1980 - 1981).
Focused Research Program in Social Network Analysis, UC Irvine, Director. (1979 - 1980).
Dean Search Committee, School of Social Sciences, Member. (1978 - 1979).
Executive Committee, School of Social Sciences, Member. (1976 - 1978).

University Service/Department

Anthropology, Undergraduate International Exchange Advisor. (1999 - 2000).
Graduate Committee, Anthropology Ph.D., Member. (1999 - 2000).
Undergraduate Anthropology Club, Advisor. (1999 - 2000).
Department Film Committee, Anthropology Department, Member. (1991 - 1992).
Undergraduate Curriculum Committee, Anthropology Department, Member. (1991 - 1992).
Computer Committee, Anthropology Department, Chair. (1989 - 1992).

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Graduate Program in Social Networks, University of California, Irvine. Approved as an Academic Degree, 1984, Chair. (1982 - 1983).
Social Networks Group, Chair. (1981 - 1982).
Social Networks Group, University of California, Irvine, Chair. (1979 - 1980).
Executive Committee, Program in Comparative Culture, Member. (1976 - 1979).

Community Service

Linkages: Long-Term Development Research Council, Chair. (1990 - Present).
Social Science Computing Association, President Elect and President. (1991 - 1993).
Linkages: Long-Term Development Research Council, President. (1986 - 1990).

Diversity Activities Related to Service (see APM 210)

I certify that the information on this Review Profile is correct:

Signature

Date