

BIOGRAPHICAL SKETCH and OTHER SUPPORT

Limit to 3 pages per person

NAME DOUGLAS R. WHITE		POSITION TITLE Professor, School of Social Science, UC Irvine	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of Minnesota	BA	1964	Anthropology
University of Minnesota	PhD	1969	Anthropology and Social Theory, with supporting fields in Sociology and Mathematical Psychology

A. Positions and Honors.

2004-10	External Faculty, Santa Fe Institute of Complexity Sciences, UC Irvine.
2005-present	Chair, Social Networks and Dynamics research group in Mathematical Behavioral Sciences
1994-present	Member, Institute for Mathematical Behavioral Sciences, UC Irvine.
1982-present	Professor, Anthropology, University of California, Irvine.
1976-1979	Associate Professor, Comparative Culture and Social Sciences, UC Irvine.
1970-1971	Founding Chair, Social Networks PhD Program, UC Irvine.
1969-74/-76	Asst/Assoc Professor, Department of Anthropology, Univ. of Pittsburgh.
2008-2009	Science Chair, Scientific Council, Reseau national des systemes complexes (RNSC), Paris.
2005-2006	Viviana Zelizer Distinguished Scholarship Award of the American Sociological Association, outstanding article published in the field of economic sociology in the previous two years.
2004	Outstanding Article Award in Mathematical Sociology. ASA.
1991-1992	Awardee, Bourse de Haute Niveau, Ministère de la Recherche et de la Technologie, Paris.
1989-1991	Alexander von Humboldt Award (2 years). Distinguished Senior U.S. Research Scientist.

B. Selected peer-reviewed publications (in chronological order).

2001	The Cohesiveness of Blocks in Social Networks: Connectivity and Conditional Density. D. R. White, Frank Harary, <u>Sociological Methodology 2001</u> pp. 305-359.
2003	Structural Cohesion and Embeddedness: A Hierarchical Conception of Social Groups. James Moody, D.R. White. <u>American Sociological Review</u> 68(1):1-25.
2004	Douglas R. White. Ring Cohesion in Marriage and Social Networks. Social Networks special issue edited by Alain Degenne <u>Mathematiques et sciences humaines</u> 43(#168):5-28.
2004	Network Analysis and Social Dynamics, <u>Cybernetics and Systems</u> 35(2-3):173-192
2005	Network Dynamics and Field Evolution: The Growth of Interorganizational Collaboration in the Life Sciences. (W.W. Powell, D.R. White, K.W. Koput & J.Owen-Smith) <u>American Journal of Sociology</u> 110(4):901-975.
2006	A Generative Model for Feedback Networks. D.R. White, Nataša Kejžar, Constantino Tsallis, Doyne Farmer, and Scott White. <u>Physical Review E</u> , 016119 11pp.
2007	Role Models for Complex Networks, Jörg Reichart and D.R. White. <u>European Physical Journal B</u> 60: 217-224.
2009	Innovation in the Context of Networks, Hierarchy and Cohesion. Pp. 153-193. In D. Lane, G. West, S. van der Leeuw, D. Pumain (Eds.), <u>A New Perspective on Innovation and Social Change</u> . Dordrecht: Springer (Methodos series).