

FALL 2014 SPEAKER SERIES EVENT



rKnowledge: The Spatial Diffusion of rDNA Method **Wednesday, November 19, 2014 (GIS DAY)**

6:00 pm – 7:30 pm (Dinner will be available at 5:30)

Orton Center, University of Redlands Main Campus

Register for this event by November 7, 2014 by contacting Vanessa Siliezar at 909-748-8769 or
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ABSTRACT

The 1980 patent granted to Stanley Cohen and Herbert Boyer for their development of rDNA technology played a critical role in the establishment of the modern biotechnology industry. From the birth of this general purpose technology in the San Francisco Bay area, rDNA-related knowledge diffused across sectors and regions of the U.S. economy. The local absorption and application of rDNA technology is tracked across metropolitan areas with USPTO patent data. The influence of cognitive, geographical and social proximity on the spatial diffusion of rDNA knowledge is explored using event history and panel models.

Speaker: Dr. David Rigby, Professor of Geography and Statistics, California Center for Population Research, University of California, Los Angeles

Dr. Rigby received his B.A. from University of Salford, England (1981), an M.A. from McMaster University (1983), and a Ph.D. from McMaster University (1988), all in Geography. His research interests are in Agglomeration, Productivity and Technological Change, Evolutionary Models and Dynamics, Regional Growth Theory, International Trade, Political Economy, Mathematical and Statistical Methods. Dr. Rigby has published three books and has another fifty-eight published journal articles and book chapters. Additionally he makes contributions to his discipline as the editor of *Economic Geography* and an editorial board member of numerous journals such as: *Environment and Planning A*, *Journal of Regional Science*, *Journal of Economic Geography*, *Growth and Change*, *Regional Studies*, and the *Journal of Regional Science*. Dr. Rigby is recipient of prestigious awards such as the 2006 UCLA Distinguished Teaching Award, 1999 Ashby Prize (with Michael Webber), and an award for the most innovative article in *Environment and Planning A*. Most recently he is the 2012-2017 Elected Visiting Professor, School of Geography, Planning and Environment, University College Dublin.