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EDUCATION

University of California, Berkeley

Ph.D in City and Regional Planning (2002)

Major Fields: Regional development and technology; historical geography; economic history

Dissertation: *Communications, Innovation, and Territories of Profit:*

The Production Networks of G.F. Swift and Dell Computer

University of California, Berkeley

M.C.P in City and Regional Planning (1985)

Masters Thesis: *Technological Change and Relations of Power in the Machine Tool Industry:*

Concordia University, Montreal, Quebec

B.A. Honors in History (1978)

Honors Thesis: *Donatello and the Sculptural Image of Renaissance Civic Humanism*

AWARDS

UCSD Academic Senate Research Grant (2006-2007)

University of California, San Diego

Alex M. Odeh Freedom of Speech Award (2005)

Arab-American Anti Discrimination Committee (ADC)

Hellman Fellowship (2004-2005)

University of California, San Diego

War Classes of 1945 Fellowship (1999-2002)

Berkeley Roundtable on the International Economy (BRIE), University of California, Berkeley

Department of City and Regional Planning Block Grant Award (1996-2001)

University of California, Berkeley

Outstanding Graduate Student Instructor (1998)

University of California, Berkeley

Economic Development Practitioner of the Year (1991)

University of California, Berkeley / Oakland Metropolitan Forum

CURRENT POSITION

Asst. Professor, Dept of Communication, University of California, San Diego (7/02 – Present).

Research focuses on the political economy of communications and territorial development in contemporary and historical settings. Recently completed book, *Territories of Profit* (Stanford University Press, 2004), compares communications systems, innovation, and economic development in different historical periods focusing on the G.F. Swift Company and the rail and telegraph revolution, and Dell Computer and the Internet revolution. *Territories of Profit* dispels myths about the uniqueness of the Internet by uncovering a common pathway of economic development in different historical periods in which firms, responding to communications revolutions, innovate their operations and reshape the territorial organization of economic activity. Current book project, tentatively entitled, *Ex-Communicated* examines the Separation Wall in Palestine and compares it with the English Enclosure Movement. Currently undertaking interviews of Palestinians in West Bank. Teaching responsibilities include courses on: Communication as a Social Force; Communications Revolutions in Historical Perspective; Communications and Social Movements; Historical Methods; and Globalization Nationalism and Conflict

PREVIOUS WORK**INSTRUCTOR - University of California, Berkeley, Department of City and Regional Planning** (8/96 - 5/01).

Designed and taught course entitled, "Planning and the Market in the United States" (CP112B). Graduate student instructor for graduate course entitled, "The Regional Economy" (CP220) and undergraduate course entitled, "The Idea of Planning" (CP112A). Awarded Outstanding Graduate Student Instructor (May, 1998).

RESEARCH FELLOW - Berkeley Roundtable on the International Economy (BRIE), University of California, Berkeley (5/98 - 7/02).

Responsible for undertaking research on Internet commerce as part of larger research project on economic and social impacts of Internet technology. Researched and wrote paper on "Social Capital in Silicon Valley" presented at OECD Conference in Mexico City (1999). Awarded War Classes of 1945 fellowship (1999-2002).

VISITING LECTURER - University of California, Berkeley, Department of City and Regional Planning (1988-89).

Invited to teach graduate seminar (CP 227) on "Regional Economies and the Reorganization of Work." Topics included: corporate restructuring and work; international competitiveness and labor markets, automation and employment, public policy for plant closings and reemployment.

NON-ACADEMIC WORK**EXECUTIVE DIRECTOR - Oakland Commerce Corporation, Oakland, California** (12/89 - 4/96).

Chief Executive for nonprofit economic development corporation under contract to City of Oakland Office of Economic Development. Planned, supervised, and implemented all business retention and development activity for City of Oakland. Designed annual workplans and budgets structured around survey of local businesses, research on Oakland economy, and response to business concerns. Pioneered computerized Early Warning System for business retention to identify firms at risk of leaving Oakland or closing. Created pilot citywide business attraction strategy based on targeted economic sectors. Met with business constituents on a daily basis and acted as liaison between business firms, community development corporations, and government. Invited to Moscow in 1991 by Soviet Academy of Labor and Social Relations for four-week colloquium to frame policies for business retention and development in the Moscow region.

RESEARCH DIRECTOR - Labor Research Group, Inc., Oakland, California (2/86 - 6/89).

Vice President / Research Director of consulting firm specializing in employment and economic development issues. Supervised firm's research activity including the bidding on, budgeting and managing of all research projects. Directed research for campaigns of union construction firms and construction unions to secure work on large development projects. Wrote legal opinions for California Attorney General and public agencies on applicability of public works laws to redevelopment projects and projects funded by special assessments, and supervised fiscal impact studies of plant closures for industrial unions.

ALL-AROUND MACHINIST - Danly Machine Corporation, Chicago, Illinois (9/78 - 4/82).

Operated lathes, milling machines, and grinders, both conventional and computer numerical control, in large machine tool building plant of 3000 workers. Member of United Steelworkers of America. Served on union health and safety committee and education committee. Sent by United Steelworkers Local 15271 to Solidarity Trade Union Congress in Gdansk, Poland in 1981.

BOOKS

TERRITORIES OF PROFIT: Communications, Capitalist Development and the Innovative Enterprises of G.F. Swift and Dell Computer.
Stanford: Stanford University Press (2004).

ARTICLES

“Innovation, Time and Territory: Space and the Business Organization of Dell Computer.”
Economic Geography, Vol. 86, no. 2 (2006): 119-146.

“Communications, Innovation and Territorialization:
The Production Network of G. F. Swift and the Creation of a National Market.”
Journal of Historical Geography, Vol. 29, no. 4 (2003): 599-617.

From Communications and Innovation, to Business Organization and Territory: The Production Networks of Swift Meat Packing and Dell Computer.
Berkeley Roundtable on the International Economy, Working Paper # 149 (2002)

“Social Capital and Innovation in Silicon Valley,” [With Stephen S. Cohen]
in *Understanding Silicon Valley*, Martin Kenney, ed. Stanford University Press (2000).

“City Systems, Urban History and Economic Modernity: Urbanization and the Transition from Agrarian to Industrial Society,”
Berkeley Planning Journal, Vol. 13 (1999), pp. 102-128.

“Social Capital and Capital Gains: Innovation in Silicon Valley,” [With Stephen S. Cohen]
California Management Review, Vol. 41, no. 2 (1999), pp. 108-129.

“The Ascendancy and Calamity of the Centrally-Planned Economy,”
International Review of Sociology, Vol. 7, no. 2 (1997), pp. 243-66.

“At the Junction: Rail Renaissance and California's Manufacturing Rebirth,”
Western City, Vol. 69, no. 6 (1993), pp. 8-11, 36.

“The Road *From* Gdansk: How Poland's Solidarity Found Haven in the Marketplace,”
Monthly Review, Vol. 43, no. 3 (1991), pp. 95-121.

“Protectionism, Free Trade, and Industrial Competitiveness,”
Critical Sociology, Vol. 18, no. 1 (1991), pp. 117-126.

“Corporate Retooling, Labor Law and the Mythology of Industrial Unionism,”
New Politics, Vol. II, no. 1 (1988), pp. 55-73.

“Technological Myths, Factory Automation and Industrial Policy,”
Berkeley Planning Journal, Vol. I, no. 2 (1985), pp. 120-126.

PUBLICATIONS IN PROCESS

“Excommunicated! Enclosure, and The Wall in Palestine.”
In Preparation for: *Progress in Human Geography*

“Power Not Markets: Networks, Managerialism and the Innovative Enterprise of Dell Computer.”
In review at: *Industrial and Corporate Change*

Territorial Constructions: From Spaces of Innovation to Spaces of Domination
Association of Collegiate Schools of Planning (ACSP) Annual Conference
Portland (October, 20, 2004)

Ideology, Technology, and "The Grassroots:"
The Role of Communications Networks in Urban Popular Protest
International Communications Association (ICA) Annual Conference,
San Diego (May 24, 2003).

Communications, Innovation and Territorial Transformation:
The Global Production Network of Dell Computer
Association of Collegiate Schools of Planning Annual Conference,
Cleveland, Ohio (November 8, 2001).

Innovation, Agglomeration, and Mysteries in the Air:
Business Networks, Social Capital and the Sources of Innovation in Silicon Valley
University of Reading, Conference on Networks and Social Capital
Reading, England (July 3, 2001).

Communications, Innovation, and Production Networks:
Business Organization and the Networks of Swift Meat Packing and Dell Computer
Danish Research Unit for Industrial Dynamics (DRUID) Annual Conference,
Copenhagen, Denmark (January 19, 2001).

Communications, Innovation and Historical Routes to 'Studying Regions by Studying Firms
Association of Collegiate Schools of Planning Annual Conference,
Atlanta, Georgia (November 3, 2000).

"Paradise Lost:" The Rise and Demise of the Centrally-Planned Economy
Association of Collegiate Schools of Planning Annual Conference,
Ft. Lauderdale, Florida (November, 7, 1997).

Do Planners Create Jobs? Markets and Planning in Economic Development
University of California, Berkeley, Department of City and Regional Planning,
Fiftieth Anniversary Lecture Series
Berkeley, California (November 18, 1997).

Early Warning, Strategic Targeting and Government Responsiveness to Business
National Council for Urban Economic Development Annual Conference
New York City (June 25, 1995).

Markets, Community and Business Retention
Keynote Address, Arizona Association for Economic Development Conference
Phoenix, Arizona (April 25, 1995).

Economic Waves, Business Reorganization, and the Decline of American Labor
American Economics Association Annual Conference
Boston (March 12, 1988).

GRADUATE COURSES**Communication 200 A (2003-2005)**

Communication as a Social Force (Seminar)
University of California, San Diego, Department of Communication

Communication 201 (2003)

Historical Methods for Communication Research (Seminar)
University of California San Diego, Department of Communication

City Planning 227 (1988-89)

Regions, Corporate Retooling and the Reorganization of Work (Seminar)
University of California, Berkeley, Department of City and Regional Planning

UNDERGRADUATE COURSES**Communication 100 (2005)**

Communication as a Social Force (Introductory Undergraduate Lecture Course)
University of California, San Diego, Department of Communication

Communication 175 (2005)

Globalization, Nationalism, and Conflict (Senior Seminar)
University of California, San Diego, Department of Communication

Communication 123 (2003-2004)

Communication, Dissent and Social Movements (Lecture / Discussion)
University of California, San Diego, Department of Communication

Communication 159 (2004)

Communication, Work and the New Economy (Lecture / Discussion)
University of California, San Diego, Department of Communication

Communication 150 (2003)

Communications Revolutions in Historical Perspective (Senior Seminar)
University of California, San Diego, Department of Communication

City Planning 112A (2001)

Political Economy and the Idea of Planning (Lecture / Discussion)
University of California, Berkeley, Department of City and Regional Planning

City Planning 112B (1998-99)

The History of Planning and Markets in the U.S. (Lecture / Discussion)
University of California, Berkeley, Department of City and Regional Planning

COURSES TAUGHT AS GRADUATE STUDENT INSTRUCTOR**City Planning 220 (1997)**

The Regional Economy (Discussion Sections)
University of California, Berkeley, Department of City and Regional Planning

City Planning 112A (1996-2000)

Political Economy and the Idea of Planning (Discussion Sections)

CHICAGO TRIBUNE

“A ‘Freedom Summer’ in Palestine With Potential for Nonviolence: In a Compelling Turning Point a Group Launches Peaceful Campaign to Protest the Israeli Barrier.”

Chicago Tribune (July 25, 2004).

<http://www.wworld.org/programs/middleEast.asp?ID=451>

“Build Bridges, Not Walls.”

Chicago Tribune (February 22, 2004).

SAN DIEGO UNION TRIBUNE

“Power, Propaganda and the Promised Land: Euphemisms Thwart Understanding of Israeli / Palestinian Issue.”

San Diego Union Tribune (May 29, 2005).

http://www.signonsandiego.com/uniontrib/20050529/news_mz1e29power.html

“Thirsting to Breathe: Qalqilya and its Water are Metaphors of Israeli Occupation.”

San Diego Union Tribune (August 1, 2004).

http://www.signonsandiego.com/uniontrib/20040801/news_mz1e1fields.html

“Sete di Respirare: La Città Cisgiordana di Qalqilya e la sua Acqua Sono una Metafora dell'Ocupazione Israeliana.” (August 1, 2004) [Italian Translation of “Thirsting to Breathe”]

University of Florence, Center for International Law and Global Politics

<http://dex1.tsd.unifi.it/juragentium/it/index.htm?surveys/palestin/fields.htm>

“Mapping Peace: Territory, History and Democracy In Israel / Palestine.”

San Diego Union Tribune (July 16, 2003).

<http://www.one-state.org/articles/2003/fields.htm>

“Peace Through War: Orwell Revisited.”

San Diego Union Tribune (March 21, 2003).