

Christopher Steven Marcum

Economics and Statistics
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Research Interests

aging and the life course — demography — family — social networks — time use

Education

Ph.D. Sociology, University of California – Irvine, 2011

Dissertation Title: Social Time: Variations in Social Interaction Across the Life Course

Dissertation Committee: Carter T. Butts, Joy Pixley (Chair), Andrew Noymer, and Judith Treas

M.A. Demographic and Social Analysis, University of California – Irvine, 2007

B.A. Sociology, University of Arizona, 2004, *Magna Cum Laude*

Employment History

NIA Postdoctoral Fellow Rand Corporation	2011-Present Santa Monica, California
Research Assistant Networks, Computation, and Social Dynamics	2007-2011 University of California, Irvine
Lecturer School of Policy, Planning, and Development	2009-2010 University of Southern California
Demographic Consultant Citadel Law Firm	2007 Irvine, California
Teaching Assistant School of Social Sciences	2005-2006 University of California, Irvine
Curatorial Assistant Arizona Historical Society	2000-2005 Tucson, Arizona

Publications

Marcum, Christopher Steven, Christine Bevc, and Carter T. Butts. “Mechanisms of Control in Emergent Interorganizational Networks,” (forthcoming in *Policy Studies Journal* 2012).

Treas, Judith and Christopher Steven Marcum. “Diversity and Family Relations in an Aging Society.” in Richard A. Settersten, Jr. and Jacqueline L. Angel (eds.) *Handbook of Sociology of Aging*, (commemorating the 30th Anniversary of the ASA Section on Aging and the Life Course), Chapter 6, 2011.

Marcum, Christopher Steven. Book review of “Social Networks and Health: Models, Methods, and Applications” by Thomas A. Valente. *Contemporary Sociology*, 2011.

Marcum, Christopher Steven. “Individual Gains from Organizational Ties: Small Explains How Institutions Facilitate Social Contact.” Book review of “Unexpected Gains: Origins of Network Inequality in Everyday Life” by Mario Luis Small. *Contemporary Sociology*, 2010.

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Marcum, Christopher Steven and Judith Treas. "The Intergenerational Social Contract Revisited: Cross-national Perspectives." in Merrill Silverstein and Roseann Giarrusso (eds.) *From Generation to Generation: Continuity and Discontinuity in Aging Families*, Chapter 3, (in press at Oxford University Press)

Butts, Carter T., Ryan M. Acton, and Christopher Steven Marcum "Interorganizational Collaboration in the Hurricane Katrina Response," (forthcoming in JOURNAL OF SOCIAL STRUCTURE)

Software

Marcum, Christopher Steven. "informR: R Tools for Creating Sequence Statistics." version 1.0. Available for download from CRAN at: <http://www.cran.r-project.org/web/packages/informR/>

Marcum, Christopher Steven. "gooJSON: Google JSON Data Interpreter for R." version 1.0. Available for download from CRAN at: <http://www.cran.r-project.org/web/packages/gooJSON/>

Working Papers

Under Review

Marcum, Christopher Steven. "Age Differences in Daily Social Activities," (under review at Research on Aging as of December, 2011)

In Process

Butts, Carter T, David Mendonça, Gary Webb, Lorien Jasny, Christopher Steven Marcum, and Ali Avni Cirik. "Scripts and Riffs in Human Action: Conventional and Improvised Behavior in Disaster Response"

Marcum, Christopher Steven. "Toward a Life Course Theory of Social Network Change: Kin and Non-Kin Relationships"

Marcum, Christopher Steven and Susan K. Brown. "Period and Cohort Effects of Black-White Residential Segregation in US Cities, 1990-2000"

Marcum, Christopher Steven. "Depending on Dependents: Children in Households with their Grandparents in the United States,"

Noymer, Andrew and Christopher Steven Marcum. "Revisiting the Hispanic Health Paradox" [working title]

Teaching Experience

Graduate Seminars

Faculty Lecturer, *Urban Demography and Change*, 2009–2010

Invited Lectures

Introduced keynote speaker Judith Treas, Matilda White Riley Distinguished Career lecture, ASA Section on Aging and the Life Course, Las Vegas 2011

Modeling Networks in R with statnet, with Carter T. Butts, ARS-Naples, Italy 2011

R+Tcl/Tk: Introducing the tcltk R Package, by UCI R Seminar Series, 2009

Thank Goodness for Spreadsheet Software Training (Graduate Level) by Prof. Judith Treas, 2006–2008

Invited Reviewer, *Exploring Society through Photography* by Prof. Frank Cancian, 2006–2008

Commodification of the Body in Death by Instr. Carol Glasser, 2007

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Teaching Assistantships

- Sociology, *Sociology Majors Seminar* for Asst. Prof. Katherine Faust, 2006
- Sociology, *American Culture Writing Seminar* for Instr. Ben Jester, 2006
- Anthropology, *Music as Expressive Culture* for Prof. Robert Garfias, 2006
- Reader/Grader, *Social Psychology* for Instr. Georgiana Bostean, 2006
- Sociology, *Religious Traditions of Asian Americans* for Instr. Shampa Mazumdar, 2005

Presentations (since 2007)

- “The Intergenerational Social Contract Revisited: Cross-national Perspectives” with Judith Treas (presenter). Annual Meeting of the The Gerontological Society of America, Boston, November 2011
- “Revisiting the Intergenerational Social Contract in Cross-National Perspective” with Judith Treas (presenter). ECPR: Public Opinion and the Politics of Retrenchment, Iceland, August 2011
- “Age Differences in Social Activity Time Budgets.” Annual Meeting of the American Sociological Association, Las Vegas, August 2011
- “Age and Life Course Effects on Time Spent with Others in Personal Networks.” The Population, Society, and Inequality Colloquium Series. University of California, Irvine, April 2011 [by invitation]
- “Mortality Co-Movement at the National Level: A Quasi-Social Network Analysis” with Andrew Noymer (presenter) and Tanya Jukkala. Annual Meeting of the Population Association of America, Washington D.C., April 2011
- “Spending Time in Personal Networks Across the Life Course.” Interuniversity Center for Social Science Theory and Methodology, University of Groningen, The Netherlands, March 2011 [by invitation]
- “Temporality Effects on Copresence in Egocentric Personal Networks.” Annual Meeting of the International Network for Social Network Analysis, St. Pete’s Beach, February 2011
- “Homophily and Propinquity in Social Ties, and the Consequences for Neighborhood Cohesion” with John R. Hipp (presenter), Carter T. Butts, Nicholas N. Nagle, Ryan M. Acton, and Adam Boessen. Annual Meeting of the International Network for Social Network Analysis, St. Pete’s Beach, February 2011
- “Clique analysis of mortality co-movements: A new life expectancy time series analysis” with Andrew Noymer (presenter) and Tanya Jukkala. IUSSP Seminar on “Lifespan Extension and the Biology of Changing Cause-of-Death Profiles”, Rauschholzhausen, Germany, January 2011 [by invitation]
- “The Effect of Health and Social Structure on Age Differences in Personal Networks,” Annual Meeting of the Gerontological Society of America, New Orleans, November 2010
- “Life Course Explanations of Social Time Age-Curves,” Annual Meeting of the American Sociological Association, Atlanta, August 2010
- “Key Findings from the Improvisation in Emergency Response Project: Linking Cognition, Behavior, and Social Interaction,” with Carter T. Butts, David Mendonça, Gary Webb, et al., Annual Hazards Research and Applications Workshop, Natural Hazards Center, Broomfield, July 2010 [by invitation]

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“How is Social Time Distributed Over the Age Pyramid? Demographic Baseline Models of Daily Social Interaction in Personal Networks,” Annual Meeting of the Population Association of America, Dallas, April 2010

“Mechanisms of Control in Emergent Interorganizational Networks,” with Christine A. Bevc and Carter T. Butts, Annual Meeting of the American Sociological Association, San Francisco, August 2009

“Ethnicity and Poverty in Household Structure Formation,” Annual Meeting of the American Sociological Association, San Francisco, August 2009

“Age and Period Effects in Black-White Residential Segregation in 122 US Cities,” with Susan K. Brown, Annual Meeting of the Population Association of America, Detroit, April 2009

“Relating Events to Structure: Evidence from the World Trade Center Police Reports,” with Lorien Jasny (presenter) and Carter Butts. Annual Meeting of the International Network for Social Network Analysis, San Diego, March 2009

“Trends in Euthanasia Attitudes, 1977-2006: Cohort Succession or Attitude Change?,” Annual Meeting of the American Sociology Association, Boston, August 2008

“Organizational Kinship in the Interorganizational Response to Hurricane Katrina,” Sunbelt: International Social Network Association Conference, St. Pete’s Beach, FL, January 2008

“Trends in Euthanasia Attitudes and Research, 1977-2006,” Grantmakers in Aging Annual Meeting, San Diego, November 2007

“The Rapid-Response Casualty Counting Instrument: A Social Network Approach” RESCUE: All Hands Meeting, San Diego, October 2007

“Age and Period Effects on Black-White Residential Segregation in 10 U.S. SMSAs,” with Susan K. Brown, Annual Meeting of the American Sociology Association, New York City, August 2007

“Trends in Euthanasia Attitudes: A Cohort Analysis,” Sociology Department of the University of California – Irvine, Irvine, May 2007

“Population and Organizational Response to Hurricane Katrina,” Social Science Research Council Fellows Workshop, Denver, April 2007

Honors and Awards

Recognition

Robert Wood Johnson Foundation Health & Society Scholars 9th Cohort Finalist, 2010

UCI Honorable Mention Public Impact Dissertation Fellowship, 2010

UCI Order of Merit Award for Outstanding Service, 2010

Grant Makers in Aging Fellowship, 2007

Social Science Research Council Pre-dissertation Summer Fellowship, 2007

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University of Arizona SBS Outstanding Senior of the Year Runner-Up, 2004

University of Arizona Department of Sociology Outstanding Senior of the Year, 2004

Phi Beta Kappa, American Scholar Honorary, 2004

Alpha Kappa Delta, Sociology Honorary, 2003

Roger Yoshino Undergraduate Sociology Award, 2002, 2003

Golden Key International Honor Society, 2002

University of Maine Scholar, 2000

Funding

National Institute on Aging Postdoctoral Fellowship, 2011-2013

UCI Honorable Mention Public Impact Dissertation Fellowship, 2010

UCI Sociology Department Summer Research Fellowship, 2009

Social Science Research Council Pre-dissertation Summer Fellowship, 2007

UC Regents Research Grant, 2005, 2009

UCI Sociology Department Extracurricular Funding, 2005—2009

Professional Service

Graduate Student Health Insurance Committee (GSHIP)

Appointee, UC-Regents Committee on Graduate Student Health, 2010

Chair, GSHIP Committee, 2008-Present

Appointee, Chancellor's Committee on Graduate Student Health, 2008-Present

Graduate Representative, GSHIP Grievance Advisory Board, 2006-Present

Graduate Representative, GSHIP Committee, 2006-2008

Service to UCI Department of Sociology

Invited Participant, *Networked Systems and Disaster Management* (Professional Meeting) hosted by Wayne State University, 2007

Representative, Sociology Graduate Student Association, Summer 2007

Co-Chair, Sociology Graduate Student Association, Undergraduate Committee, 2006-2007

Conference Units

Organizer, "Social Relations and Aging." Section on Aging and the Life Course Roundtable at the Annual Meeting of the American Sociological Association, August 2010

Organizer, "Networks and Social Relations." Regular Session of the 2009 Annual Pacific Sociological Association Annual Meeting, San Diego, Spring 2009

Referee Activities

American Journal of Sociology

British Journal of Sociology

Consortium for Mathematics and Its Applications

Contemporary Sociology

Research on Aging

Extracurricular Service

Volunteer, American Public Media Public Insight Network, 2009

Board Member, Anthill Pub Advisory Board, Winter 2008

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Professional Associations

American Sociological Association
Gerontological Society of America
International Network for Social Network Analysis
Population Association of America

Technical Skills and Knowledge

Skilled Computer Knowledge — Linux/Unix, R, SaS, STATA, Perl, L^AT_EX, html, pHP, bash, MySQL, CSS, Tcl/Tk, subversion, Excel and OpenOffice

Technical Knowledge — survey research methods, lifetable methods, methods of social network analysis, photography

References

Nicole Maestas, Ph.D.
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