

MARK C. PACHUCKI

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PROFESSIONAL APPOINTMENTS

ASSISTANT PROFESSOR, DEPARTMENT OF SOCIOLOGY CORE FACULTY, COMPUTATIONAL SOCIAL SCIENCE INSTITUTE University of Massachusetts, Amherst	2015-
INSTRUCTOR IN MEDICINE AND PEDIATRICS, DEPARTMENTS OF MEDICINE/PEDIATRICS Harvard Medical School	2013-2015
SENIOR SCIENTIST, MONGAN INSTITUTE FOR HEALTH POLICY, Mass. General Hospital AFFILIATED FACULTY, GENERAL ACADEMIC PEDIATRICS, Mass. General Hospital	
ROBERT WOOD JOHNSON FOUNDATION HEALTH & SOCIETY SCHOLAR University of California, San Francisco & UC Berkeley School of Public Health	2010-2012
PARENTAL LEAVE	2016 (FALL)

EDUCATION

PH.D. SOCIOLOGY, HARVARD UNIVERSITY.	2010
A.M. SOCIOLOGY, HARVARD UNIVERSITY.	2007
B.A. SOCIOLOGY, COLUMBIA UNIVERSITY. Evaluated with Department Distinction.	2003

PUBLICATIONS (peer-reviewed)

- Shuval, Kerem, Jeffrey Drope, Amy L. Yaroch, Michal Stoklosa, Mark C. Pachucki, Matthew Harding. "Time Preferences and Physical Activity: Insights from Behavioral Economics." 2017. *Health Behavior and Policy Review*, Vol. 4(1):53-59
- Shuval, Kerem, Michal Stoklosa, Mark C. Pachucki, Amy L. Yaroch, Jeffrey Drope, Matthew Harding. 2016. "Economic preferences and fast food consumption in US adults: Insights from behavioral economics." *Preventive Medicine* Vol. 93: 204-210.
- Raghavan, Sridharan, Mark C. Pachucki, Yuchiao Chang, Bianca Porneala, Caroline S. Fox, Josée Dupuis, James Meigs. 2016. "Incident type 2 diabetes risk is influenced by obesity and diabetes in social contacts: a social network analysis in the Framingham Offspring Study." *Journal of General Internal Medicine*, Vol 31: 1127-1133.
- Abbott, Katherine, Mark C. Pachucki. 2016. "Associations over time between Social Network Attributes, Cognitive Function, and Quality of Life among Residents in a Dementia Special Care Unit: A Pilot Study." *Dementia: The international journal of social research and practice*, in press.
- Oostindjer, Marije, Jessica Aschemann-Witzel, Qing Wang, Silje Elisabeth Skuland, Bjørg Egeland, Gro V. Amdam, Alexander Schjøll, Mark C. Pachucki, Paul Rozin, Jarrett Stein, Valerie Lengard Almli, Ellen van Kleef. "Are school meals a viable and sustainable tool to improve healthy diet among children? A cross-national comparative perspective." 2016. *Critical Reviews in Food Science and Nutrition*, in press.
- Pachucki, Mark C., Emily Ozer, Alain Barrat, Ciro Cattuto. 2015. "Mental health & socialization in early adolescence: A dynamic study of social interaction behaviors." *Social Science & Medicine*, Vol. 125: 40-50.
- Pachucki, Mark C., Michael F. Lovenheim, Matthew Harding. 2014. "Within-family obesity associations: Evaluation of parent, child, and sibling relationships." *American Journal Preventive Medicine*, Vol. 47: 382-391.
- Pachucki, Mark C. 2014. "Food choices and peer relationships: Examining 'a taste for necessity' in a network context / Alimentation et réseau social : Une étude sur « le goût par nécessité » en contexte social." *Sociologie et Sociétés*, Vol. 45(2): 229-252.
- Lena, Jennifer C., Pachucki, Mark C. 2013. "The sincerest form of flattery: Innovation, repetition, and status in an art movement." *Poetics*, Vol. 41(3): 236-264.

(cont'd: peer-reviewed publications)

- Pachucki, Mark C. 2012. "Classifying quality: Cognition, interaction, and status appraisal of art museums." *Poetics*, Vol. 40(1): 67-90.
- Pachucki, Mark A. 2012. "Food pattern analysis over time: Unhealthful eating trajectories predict obesity." *International Journal of Obesity*. Vol. 36: 686–694.
- Pachucki, Mark A., Paul F. Jacques, Nicholas A. Christakis. 2011. "Social network concordance in food choice among spouses, friends, and siblings." *Am. J. Public Health*. Vol. 101(11): 2170-2177.
- Pachucki, Mark A., Ronald Breiger. 2010. "Cultural Holes: Beyond Relationality in Social Networks and Culture." *Annual Review of Sociology*, Vol. 36: 205-224
- Pachucki, Mark A., Jennifer C. Lena, Steven Tepper. 2010. "Creativity narratives among college students: Sociability and everyday creativity." *The Sociological Quarterly*. Vol. 51: 122–149.
- Pachucki, Mark A., Sabrina Pendergrass, Michèle Lamont. 2007. "Boundary processes: Recent theoretical developments and new contributions." *Poetics*, Vol. 35: 331-351.

Invited chapters, Book reviews, and Other publications

- Pachucki, Mark C., and Elizabeth Goodman. 2015. "Social Relationships and Obesity: Benefits of Incorporating a Lifecourse Perspective." *Current Obesity Reports*, Vol. 4(2): 217-223.
- Pachucki, Mark C. 2015. "Networks and Cultural Consumption." *International Encyclopedia of Social and Behavioral Sciences 2nd Edition*. Elsevier. pp. 555-560.
- Lamont, Michele, Sabrina Pendergrass, Mark C. Pachucki. 2015. "Symbolic boundaries." *International Encyclopedia of Social and Behavioral Sciences 2nd Edition*. Elsevier. pp. 850-855.
- Pachucki, Mark C., and Kevin Lewis. 2014. "Networks at Harvard University Sociology." Ed. David Knoke. Series eds. Reda Alhajj, Jon Rokne. *Encyclopedia of Social Network Analysis and Mining*. Springer Verlag. pp. 1113-1122.
- Pachucki, Mark C. 2012. Book review of *The Table Comes First: Family, France, and the Meaning of Food*. (By Adam Gopnik. Quercus. 2011.) *Flavour*. Vol. 1:18 (1 October 2012).
- Pachucki, Mark C. 2012. Book review of *Educated Tastes: Food, Drink, and Connoisseur Culture*. (Ed. Jeremy Strong. U. Nebraska Press. 2011.) *Flavour*. Vol. 1: 16 (3 September 2012).
- Pachucki, Mark A. 2010. "A taste for tastes: Social influence, food choice, and health behaviors in a social network." PhD Thesis, Harvard University Department of Sociology.
- Pachucki, Mark A., Chris Bail, Lauren Rivera. 2008. "An Invitation to Cultural Sociology at Harvard." *Culture*, Vol. 22, No. 3.
- Pachucki, Mark A. 2006. "Mapping the Field of Global Reproductive Health and Rights." Social Network Analysis White Paper. *John D. and Catherine T. MacArthur Foundation* (New York, NY) and *Harvard Center for Population and Development Studies* (Cambridge, MA).

RESEARCH GRANTS (FUNDED) & FELLOWSHIPS

SOCIAL SCIENCE GENOMICS SUMMER INSTITUTE	2017
Competitive fellowship, funded by the Russell Sage Foundation.	
UMASS CENTER FOR RACIAL JUSTICE AND URBAN AFFAIRS	2017
Co-Principal Investigator, University of Massachusetts Amherst, \$12,000	
IDENTIFYING MECHANISMS OF PEER INFLUENCE ON YOUTH WEIGHT-RELATED BEHAVIORS	2017-2022
Co-investigator, University of Massachusetts Amherst. (PI: John Sirard / James Kitts, UMass) NIH/NCI R01. Grant #:1R01-HD086259-01, \$412,915	
WORKSITE SOCIAL CONNECTIONS AND FOOD CHOICE: IDENTIFYING OPPORTUNITIES FOR OBESITY PREVENTION	2016-18
Co-Investigator, University of Massachusetts Amherst (PI: Doug Levy, Massachusetts General Hospital/MGH) Subcontract Award to UMass, NIH/NIDDK R21. Grant #: 1R21HL129094A1, \$46,000	
EXAMINING CHANGES IN NETWORK CONFIGURATION AND COMPOSITION WITH HEALTH-RELATED BEHAVIORS OF AMERICAN ADULTS	2015-17
Principal Investigator, University of Massachusetts Amherst (PI: Nicholas Christakis, Yale University) Subcontract Award to UMass, NIH/NIA P30. Grant #:2P30AG034420-06, \$48,989.	

PROMOTING EMPLOYEE HEALTH THROUGH THE WORKSITE FOOD ENVIRONMENT	2015-20
Co-Investigator, University of Massachusetts Amherst. (PI: Anne Thorndike, MGH)	
Subcontract Award to UMass, NIH/NHLBI R01. Grant #: 1R01HL12548601A1, \$88,135.	
CULTURAL INFLUENCES ON PARENTS' FOOD DECISIONS	2013-14
Co-Investigator, Harvard Catalyst. (PI: Michèle Lamont)	
THE ECOLOGY OF FOOD PERCEPTION	2013-14
Fellow, Centre For Advanced Study, Norwegian Academy of Science & Letters & Norwegian University of Life Sciences. (PIs: Gro V. Amdam, Bjørg Egeland, Anna Haug, Marije Oostindjer)	
HEALTHY EATING RESEARCH PROGRAM ROUND 6, RWJ FOUNDATION	2011-13
"A Scanner Data Analysis of the Impact of Household Food Purchases on Nutrition & Obesity."	
Co-Investigator, UC Berkeley School of Public Health, \$153,000.	
(PIs: Matthew Harding, Stanford University; Michael Lovenheim, Cornell University)	
ROBERT WOOD JOHNSON FOUNDATION PILOT PROJECT GRANT	2011-12
"The Pre-Teen Eating and Exercise Network Study (preTEENS)." \$12,271	
PI: UC San Francisco Center for Health & Community & UC Berkeley School of Public Health	
RUTH L. KIRSCHSTEIN NATIONAL RESEARCH SERVICE AWARD (F31)	2009-10
"A 'taste' for tastes: Social influence, food choice, and health behaviors in a social network."	
NIH/NIA F31. Grant #: 1F31AG033503-01A1. \$30,693.	
DOCTORAL DISSERTATION RESEARCH: HEALTH BEHAVIORS AND SOCIAL NETWORKS	2008-09
National Science Foundation. Grant #: 0824568. \$6,771.	
TRANSLATIONAL RESEARCH IN AGING RESEARCH TRAINING GRANT	2008-09
National Institute on Aging (NIA) NIH Grant #: 5 T32 AG023480-05. \$5,193.	

RESEARCH GRANTS (*Under consideration*)

GENETIC RISK OF EARLY PUBERTY TIMING AND SOCIAL NETWORKS ON SOCIOECONOMIC STATUS DISPARITIES	2018-20
Principal Investigator, University of Massachusetts Amherst	
(Co-PI: Lindsay Hoyt, Fordham University)	
Russell Sage Foundation	
Status: Under review. Letter of Interest submission August 2017	
SOCIAL NETWORK ANALYSIS OF ADOLESCENT PUBERTY, SCREEN TIME, AND PHYSICAL ACTIVITY	2018-20
Principal Investigator, University of Massachusetts Amherst	
(Co-PI: Lindsay Hoyt, Fordham University, Co-I: John Sirard, UMass)	
NIH/NINR R21. Grant #: 1 R21 HL133709-01.	
Status: Under review. 2 nd submission July 2017 (1 st submission scored February 2017).	
A NETWORK INTERVENTION TO IMPROVE HEALTH AMONG OLDER ADULTS IN ASSISTED LIVING	2018-23
Principal Investigator, University of Massachusetts Amherst	
Subproject #4 of NIH/NIA P01 (Yale University, PI: Nicholas A. Christakis).	
Status: 2 nd submission July 2017 (1 st submission scored December 2016.)	

PRESENTATIONS (*selected*)

- "Peer Influences on Health Food Choice: A Workplace Social Network Analysis." Doug Levy, Massachusetts General Hospital; Mark Pachucki, University of Massachusetts; A. James O'Malley, Dartmouth College; Bianca Porneala, Massachusetts General Hospital; Anne Thorndike, Massachusetts General Hospital. June 27, 2017. AcademyHealth Annual Conference, New Orleans, LA.
- "Adolescent Relationships with their Communities: Impacts on Socioeconomic Status and Health in Young Adulthood." Parissa Ballard, University of California, Berkeley; Lindsay Hoyt, Fordham

- University; Mark C. Pachucki, University of Massachusetts. April 8, 2017. 2017 Society for Research on Child Development Biennial Meeting, Austin, Texas.
- “Sizing up Peers: A Biopsychosocial Study of Pubertal Influences on Health.” Lindsay Hoyt (presenter), Mark C. Pachucki. September 19-21, 2016. International Association of Population Health Science (IAPHS), Penn State University, University Park, PA.
- “Temporal discounting and Fast Food Consumption in US Adults.” Kerem Shuval (presenter), Michal Stoklosa, Mark Pachucki, Amy Yaroch, Jeffrey Drope, Matthew Harding. November 1, 2016. American Public Health Association (APHA), Denver Colorado.
- “Social network interventions to improve health among older adults in assisted living.” June 22, 2016. Invited speaker, Baystate Medical Center, Center for Quality of Care Research. Springfield, MA. Pachucki, Mark C.
- “Joint effects of friends’ health behaviors and pubertal status on adolescent physical activity and sedentary time.” May 24, 2016. Invited speaker, Department of Human Development & Social Policy, Northwestern University. Pachucki, Mark C.
- “Network diversity and weight status among economically-disadvantaged youth.” November 3, 2015. American Public Health Association (APHA), Chicago, Illinois. Mark C. Pachucki (presenter), Alene Kennedy-Hendricks, Craig Evan Pollack.
- “Evaluating social influences on physical activity over the life course.” April 6, 2015. Invited speaker, Department of Kinesiology, University of Massachusetts, Amherst, MA. Pachucki, Mark C.
- “Familial Clustering of Diabetes Influences Type 2 Diabetes Risk More Strongly Than Social Clustering of Obesity: A Social Network Analysis in the Framingham Offspring Study.” April 24, 2015. Society for General Internal Medicine (SGIM). Toronto, Ontario, Canada. Sridharan Raghavan (presenter); Mark C. Pachucki; Yuchiao Chang; Josée Dupuis; James B. Meigs.
- “Physical activity and social influence in early adolescent networks: How measurement matters.”
- December 2, 2014. Invited speaker, University of Massachusetts Amherst Computational Social Science Institute. Amherst, MA. Pachucki, Mark C.
 - November 21, 2014. Invited speaker, Dartmouth College Interdisciplinary Network Research Group. Hanover, NH. Pachucki, Mark C.
 - November 7, 2013. Invited speaker, Yale University Center for Child Studies. New Haven, CT. Pachucki, Mark C.
- “The role of social status in the development of friendship networks during early adolescence.” Dec. 2, 2013. Culture & Social Analysis Workshop, Harvard University Department of Sociology. Cambridge, MA. Pachucki, Mark C.
- “The role of networks in the development of subjective social status during early adolescence.” November 7, 2013. Invited speaker, Canadian Institute for Advanced Research Child and Brain Development Program Meeting. Vancouver, BC. Pachucki, Mark C.
- “How relationships shape what we eat.” September 18, 2013. Invited speaker, Statens Institutt For Forbruksforskning/ National Institute for Consumer Research (SIFO). Oslo, Norway. Pachucki, Mark C.
- “Peer influences on health behaviors.” August 20, 2013. Invited speaker, Centre for Advanced Studies, Norwegian University of Life Sciences. Oslo, Norway. Pachucki, Mark C.
- “Taste preferences, big data, and the future of stratification research.” August 10-13 TBD, 2013. Invited speaker, American Sociological Association. New York, NY. Pachucki, Mark C.
- “Social networks and mental health in pre-adolescents.” April 4, 2013. Invited speaker, Volkswagen Foundation Herrenhausen Conference. Hanover, Germany. Pachucki, Mark C.
- “Social networks and behavioral aspects of cancer prevention.” March 28, 2013. Invited speaker, Behavioral Research Program (BRP), National Cancer Institute. Bethesda, MD. Pachucki, Mark.
- “Inter- and intra- generational obesity: Evaluating parent and child obesity in a new health behavior dataset.” October 28, 2012. Annual Meeting, American Public Health Association. San Francisco, CA. Pachucki, Mark C., Michael F. Lovenheim, Matthew Harding.
- “Using bipartite networks to examine change in food tastes over time.” March 2012. Annual Meeting, International Network for Social Network Analysis, Los Angeles, CA. Pachucki, Mark C.
- “Food as culture: Evaluating taste preferences using social networks.” November 15, 2011. Columbia University Department of Sociology, New York, NY. Pachucki, Mark C.
- “Symbolic boundaries and taste formation: Implications for health inequalities” August 2011, American Sociological Association conference, Las Vegas, NV. Pachucki, Mark A.

- “The analysis of social networks in population health.” April 21, 2011, UC Berkeley School of Public Health. Methods in Social Epidemiology graduate seminar. Pachucki, Mark A.
- “Food choice and social influence: Incorporating social networks into the study of health behaviors.” January 21, 2011. UCSF Center for Obesity, Assessment, Study & Treatment. Pachucki, Mark A.
- “Peer Influence, Food Choice, and Health Status in a Large Social Network.” September 2010. UC Berkeley Department of Demography, Berkeley, CA. Pachucki, Mark A.
- “Creativity as a Social Process: The ‘Everyday’ Creative Campus.” May 2008. The Andrew W. Mellon Foundation, New York, NY. Pachucki, Mark A., Jennifer C. Lena, Steven J. Tepper.
- “Mapping the field of reproductive health and rights using social networks”. November 2007. American Public Health Association Annual Meeting; Washington, DC. Rebecca Firestone, MPH; Mark A. Pachucki, MA; Laura Reichenbach, ScD, MPA; Mindy Jane Roseman, JD, PhD
- “Diffusion and Sub-genre Formation: Adoption of New Practices in Rap Sampling Networks.” November 2006. Social Science History Association Annual Conference, Minneapolis, MN. Jennifer C. Lena and Mark A. Pachucki.

TEACHING

As Instructor

SOCIOLOGY 794NH. “Social relationships, networks, and health.”	2017
SOCIOLOGY 356. “Social forces, health, and the life course.”	2015-2017
SOCIOLOGY 297FS. “Food as Culture: Social Contexts of Eating.” University of Massachusetts, Amherst	2018
SOCIOLOGY 305. “Graduate Teaching Practicum.” (<i>Co-taught w/ David Ager</i>)	2009-10
SOCIOLOGY 95. “Research Seminar: Research for Non-Profits.” Harvard University	2007, 08, 09

As Teaching Fellow

SOCIOLOGY 190. “Life & Death in the USA: Medicine and Disease in Social Context.” Harvard University. <i>Instructor: Prof. Nicholas Christakis. *Head TF.</i>	2006, 07-09*
SOCIOLOGY 153. “Media & The American Mind.” <i>Instructor: Prof. Jason Kaufman</i>	2005

Teaching Honors

HARVARD UNIVERSITY CERTIFICATE OF DISTINCTION IN TEACHING	2006, 2009
PRESIDENTIAL INSTRUCTIONAL TEACHING FELLOWSHIP Derek Bok Center for Teaching and Learning, Harvard University	2007

Mentoring & Advising

- Katie Billings, PhD student, UMass Amherst Dept. Sociology. Graduate advisor. 2016-
- Diego Leal, PhD student, UMass Amherst Dept. Sociology. PhD committee member. 2016-
- Richard Carbonaro, PhD student, UMass Amherst Dept. Sociology. 2nd Comps committee chair. 2016-
- Marianne Joyce, PhD student, UMass Amherst Dept. Sociology. Exam committee member. 2016-
- Sylvia Abbeyquaye, PhD Candidate, UMass Amherst Dept. Nursing. PhD committee member. 2016-
- Irene Mussio, PhD student, UMass Amherst Dept. Resource Economics. PhD committee member. 2016-
- Caitlin Daniel, PhD Candidate, Harvard University Dept. Sociology. PhD committee member. 2012-2017
Dissertation topic: “Cultural Influences on Parents’ Food Decisions”
- Jenna Hua, PhD Candidate, UC Berkeley School of Public Health. NIH F31 Sponsor/Mentor, 2012-16
Dissertation topic: “Obesity, social networks, and the built environment in adolescents using objective measurement technologies.”
- Sridharan Raghavan, MD. Research Fellow, MGH Dept. of Medicine. Social network mentor. 2013-2015
Fellowship topic: “Social Networks and Diabetes.”
- Gilda Medina. “Transnational Perceptions, From the Dominican Republic to the United States: Cultural Experiences and Health Systems.” B.A. Thesis advisor. 2009.
- Alice Nian-En Lee. “Taking the culture train: The reproduction of subway space through public art in the New York City mass transit system.” B.A. Thesis Committee. 2009.
- Jeremy Singer-Vine. “Allan Sekula, Sebastião Salgado, and the challenges of labor photography.”

*Awarded the Thomas Temple Hoopes Thesis Award. B.A. Thesis Committee. 2008.
Michael Levin-Gesundheit. "Putting out the fire: The development of California smoking bans and their effects on young adults." B.A. Thesis Committee. 2008.
Akshay Ganju. "Craft or science: Objectivity and internalization in the implementation of evidence-based medicine." B.A. Thesis Committee. 2008.
Jonathan Stona. "The National Gallery of Jamaica." B.A. Thesis Committee. 2006-2007.

PROFESSIONAL ACTIVITIES

(Inter-) and disciplinary service

Graduate paper award committee member. Culture section. American Sociological Association, 2017
International Conference on Computational Social Science Program Committee Member, 2017
Panel organizer. Thematic session, "New Perspectives on Culture In, Around, and Through Social Networks." American Sociological Association annual conference, Montreal, August 2017.
Membership Committee Member. Children & Youth Section, American Sociological Assoc. 2015-16
Conference Committee Member. "Decision Making and Emotion Regulation in Life-Span Transitions." 2-year NIH-funded multi-disciplinary conference on behavioral determinants of health at key life course stages. University of California, Berkeley. November 8-9, 2012; October 10-11, 2013.
Panel presider. Thematic session, "Symbolic Boundaries and the Quantification of Identity." American Sociological Association annual conference, Montreal, August 2006.

Ad hoc reviewing

American Journal of Public Health, American Journal of Sociology, American Journal of Preventive Medicine, American Sociological Review, Annals of Behavioral Medicine, Child Development, Cultural Sociology, Field Methods, Journal of Gerontology: Social Sciences, Journal of Nutrition, International Journal of Environmental Research and Public Health, Künstliche Intelligenz, Palliative Medicine, PLOS One, Poetics, Social Forces, Social Problems, Sociological Perspectives, Sociological Theory, Social Science & Medicine, Statistics in Medicine.

Editorial service

Pachucki, Mark C. (Ed. Board member). *Flavour*. 2011-2016.
Pachucki, Mark A. (Ed.), Sabrina Pendergrass (Ed.), Michèle Lamont (Ed.). 2007. "Culture Lines: Emerging research on Boundaries." Special Issue of *Poetics*, Vol. 35, Number 6.

Association membership

American Sociological Association. 2002-present.
International Network for Social Network Analysis. 2005-present.
American Public Health Association. 2012-present.

Public Engagement

Dahl, Melissa. "What Psychology Says About Venus and Serena's Sibling Rivalry." *NY Magazine*. 9/9/15
Lehman, Shereen. "Child siblings may influence each other's obesity risk." *Reuters*. 7/24/14
Kotz, Deborah. "Cause of obesity epidemic remains elusive." *Boston Globe*. 7/13/14
Abrams, Abby. "Siblings more likely than parents to influence child obesity." *Time*. 7/8/14
Thomas, Veronica. "Study: Could Bro or Sis Affect Weight More Than Mom or Dad?" *WBUR*. 7/9/14
Farrell, Michael B. "Social media make a play for youth sports." *The Boston Globe*. 6/25/12
Boyles, Salynn. "Friends influence how active kids are." *WebMD*. 5/28/12
Sullivan, Andrew. "Socially transmitted snacking." *Newsweek, The Daily Beast*. 9/28/11
Kliff, Sarah. "You are who you eat with." *Washington Post Wonkblog*. 9/26/11
Rubin, Rita. "Eating styles rub off on family and friends." *WebMD*. 9/22/11
Mannes, George. "B.Q. or Die." *Runner's World*. 5/2011.
Gudrais, Elizabeth. "Costs and benefits of connection." *Harvard Magazine*. 5/2010.

[rev. 8/17]