

MARK C. PACHUCKI

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PROFESSIONAL APPOINTMENTS

ASSOCIATE PROFESSOR, DEPARTMENT OF SOCIOLOGY	2020-
ASSISTANT PROFESSOR, DEPARTMENT OF SOCIOLOGY	2015-2020
CORE FACULTY, COMPUTATIONAL SOCIAL SCIENCE INSTITUTE	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

EDUCATION

PH.D. SOCIOLOGY, HARVARD UNIVERSITY.	2010
Thesis: "A taste for tastes: Social influence, food choice, and health behaviors in a social network."	
A.M. SOCIOLOGY, HARVARD UNIVERSITY.	2007
B.A. SOCIOLOGY, COLUMBIA UNIVERSITY.	2003

PUBLICATIONS (peer-reviewed)

* paper with student/fellow (Pachucki in mentorship role); † Pachucki as PI/Co-I sponsored funding; § equal co-author contributions

- Pachucki, Mark C. ^{*†}, Chen-Shuo Hong, A. James O'Malley, Douglas E. Levy, Anne N. Thorndike. 2024. "Network spillover in food choice among co-workers using data from ChooseWell 365 randomized controlled trial to promote healthy eating." *Social Science & Medicine*. Forthcoming.
- Pachucki, Mark C. ^{*†}, Lindsay Hoyt, Li Niu, Richard Carbonaro, Hsin Fei Tu, John Sirard, Genevieve Chandler. 2024. "Disentangling associations between pubertal development, healthy activity behaviors, and sex in adolescent social networks." *PLoS ONE*, Vol. 19 (5), e0300715.
- Bae, Youngjoon, Mark C. Pachucki ^{*}. 2024. "Social isolation and depression as risk factors for weight loss of 5kg or more among older Korean adults." *PLoS ONE*, Vol. 19 (3), e0299096.
- Seven, Memnun, Mark C. Pachucki ^{*†}, Danielle Gould, Youngjoon Bae, Raeann LeBlanc, Rachel Walker. 2023. "Family and community social network characteristics of high-risk family members to improve cancer-related health behaviors." *Oncology Nursing Forum*, Vol. 50(6): 735-751.
- Economos, Christina D., Larissa Calancie, Ariella R. Korn, Steven Allender, Julia M. Appel, Peter Bakun, Erin Hennessy, Peter S. Hovman, Matthew Kasman, Melanie Nichols, Mark C. Pachucki. "Community coalition efforts to prevent childhood obesity: two-year results of the Shape Up Under 5 study." *BMC Public Health* 23, no. 1 (2023): 1-10.
- Paik, Anthony [§], Mark C. Pachucki [§], and Hsin Fei Tu [§]. 2023. "'Defriending' in a polarized age: Political and racial homophily and tie dissolution." *Social Networks* 74: 31-41.

(cont'd: peer-reviewed publications)

- Fox, Anna, Chrystal George Mwangi, Mark C. Pachucki[†], Ryan Wells, Buju Dasgupta, Hanni Thoma, Sarah Dunton, and Ezekiel Kimball. 2023. "Rethinking Backbones in Collective Impact: Examining a Broadening STEM Participation Program as a Feminist Matrix Organization." *Innovative Higher Education*: 1-23.
- Moore, Travis R., Mark C. Pachucki^{*}, Erin Hennessy, and Christina D. Economos. 2022. "Tracing Coalition Changes in Knowledge in and Engagement with Childhood Obesity Prevention to Improve Intervention Implementation." *BMC Public Health*. 30 Sep 2022, 22(1):1838.
- George Mwangi, Chrystal A., Genia M. Bettencourt, Ryan S. Wells, Sarah T. Dunton, Ezekiel W. Kimball, Mark C. Pachucki[†], Nilanjana Dasgupta, Hanni S. Thoma. 2023. "Demystifying the Magic: Investigating the Success of University-Community Partnerships for Broadening Participation in STEM." *Journal of Women and Minorities in Science and Engineering*. Vol. 29(1): 87-109.
- Moore, Travis R., Mark C. Pachucki^{*}, Larissa Calancie, Ariella R. Korn, Erin Hennessy, and Christina D. Economos. 2021. "Coalition-Committees as Network Interventions: Baseline Network Composition in Context of Childhood Obesity Prevention Interventions." *Systems* 9(3): 66.
- Levy, Douglas[§], Mark C. Pachucki^{§†} (co-equal first authors), A. James O'Malley, Bianca Porneala, Anne Thorndike. 2021. "Social connections and the healthfulness of food choices in an employee population." *Nature Human Behaviour*. Vol. 5, p.1349–1357.
- Korn Ariella, Ross Hammond, Erin Hennessy, Aviva Must, Mark C. Pachucki^{*}, Chris Economos. 2021. Evolution of a Coalition Network during a Whole-of-community Intervention to Prevent Early Childhood Obesity. *Childhood Obesity*. Vol. 17(6), 379-390
- Pachucki, Mark C.^{*†} Diego Leal. 2020. "Is Having an Educationally Diverse Social Network Good for Health?" *Network Science*. Vol 8(3): 418-444.
- Hoyt, Lindsay T., Li Niu, Mark C. Pachucki, Natasha Chaku. 2020. "The Role of Pubertal Timing for Boys and Girls: Implications for Population Health." *Social Science & Medicine: Population Health*. Vol. 10: 100549.
- Paterno, Mary T., Denise Leckenby, Mark C. Pachucki. 2020. "Challenges and Lessons Learned from Digital Storytelling with Parenting Women in Recovery." *Health Promotion Practice*. Vol 21(3): 340-3.
- Niu, Li, Lindsay Till Hoyt, Mark C. Pachucki^{*†}. 2019. "Context matters: Adolescent neighborhood and school influences on young adult body mass index." *Journal of Adolescent Health*, Vol. 64(3):405-410.
- Ballard, Parissa J., Lindsay Till Hoyt, Mark C. Pachucki. 2019. "The impact of adolescent civic engagement on socioeconomic status and well-being in youth & adulthood." *Child Development*. Vol. 90(4):1138-1154.

(cont'd: peer-reviewed publications)

Levy, Douglas E., Emily D. Gelsomin, Eric B. Rimm, Mark C. Pachucki[†], Jenny Sanford, Emma Anderson, Charles Johnson, Rose Schutzberg, Anne Thorndike. 2018. "Design of ChooseWell 365: Randomized controlled trial of an automated, personalized worksite intervention to promote healthy food choices and prevent weight gain." *Contemporary Clinical Trials*, Vol 75: 78-86.

Pachucki, Mark C., Andrew Karter, Nancy E. Adler, Howard Moffet, E Margaret Warton, Dean Schillinger, Bethany Hendrickson, Barbara A. Laraia. 2018. "Eating with others and meal location are differentially associated with nutrient intake by sex: The Diabetes Study of Northern California (DISTANCE)." *Appetite*. Vol. 127: 203-213.

Korn, Ariella, Erin Hennessy, Ross A. Hammond, Steven Allender, Matthew W. Gillman, Matt Kasman, Jaimie McGlashan, Lynne Millar, Brynie Owen, Mark C. Pachucki^{*}, Boyd Swinburn, Alison Tovar, Christina D. Economos. 2018. "Development and testing of a survey to assess knowledge, engagement, and social network characteristics of community stakeholders involved in childhood obesity prevention." *BMC Public Health*. 18:681.

McGlashan, Jaimie, Melanie Nichols, Ariella Korn, Lynne Millar, Jennifer Marks, Andrew Sanigorski, Mark C. Pachucki^{*}, Boyd Swinburn, Steven Allender, Christina Economos. 2018. "Social network analysis of stakeholder networks from two successful community-based obesity prevention interventions." *PLoS one*. 13(4), e0196211.

Stoklosa, Michal, Kerem Shuval, Jeffrey Drope, Rusty Tchernis, Mark C Pachucki[†], Amy Yaroch, Matthew Harding., 2018. "The Intergenerational Transmission of Obesity: The Role of Time Preferences and Self-Control." *Economics & Human Biology*. Vol. 28:92-106

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

Abbott, Katherine [§], Mark C. Pachucki[§]. 2017. "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*, Vol.16(8), 1004-19.

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." 2017. *Critical Reviews in Food Science and Nutrition*, Vol. 57(18): 3942-3958.

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.

(cont'd: peer-reviewed publications)

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. [§], Mark C. Pachucki [§]. 2013. "The sincerest form of flattery: Innovation, repetition, and status in an art movement." *Poetics*, Vol. 41(3): 236-264.

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: Unhealthy 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. [2022, reprinted in "Cultural Sociology Reader", Peking University Press.]

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.

Book chapters & Other scholarly publications

Pachucki, Mark C. [§], Ronald L. Breiger [§]. 2020. "Network Theories." Kivisto, Peter, ed. *The Cambridge Handbook of Social Theory*. Cambridge University Press.

Pachucki, Mark C. [§], 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. §, 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., 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. Published as Appendix in “Reproductive Health and Human Rights: The Way Forward.” U. of Pennsylvania Press, 2011.

Under review, Working papers & In preparation (selected)

Mark C. Pachucki, (R&R,

Mark C. Pachucki *, (R&R,

Pachucki, Mark C., (Under review

Pachucki, Mark C. (Working paper. In preparation for 2024 submission to

Pachucki, Mark C., (Working paper. In preparation for 2024 submission to

Mark C. Pachucki *, (Working paper in prep for 2024 submission to

Mark C. Pachucki, Working paper, intended 2024 submission.

Mark C. Pachucki,

Commentary, in preparation.

Pachucki, Mark C. "How networks shape who we become." (Book proposal in development; 2024-2026 data collection.)

RESEARCH GRANTS (FUNDED) & FELLOWSHIPS (selected)

- SOCIAL NETWORK ANALYSIS OF ADOLESCENT PUBERTY, SCREEN TIME, AND PHYSICAL ACTIVITY 2018-22
Co-Principal Investigator, University of Massachusetts Amherst (Co-PI: Lindsay Hoyt, Fordham University). NIH/NINR R21. Grant #: 1R21-HL133709-01, \$453,006
- EXAMINING COLLECTIVE IMPACT IN A COMMUNITY-UNIVERSITY PARTNERSHIP TO BROADEN GIRLS' PARTICIPATION IN SCIENCE FROM MIDDLE SCHOOL TO HIGH SCHOOL GRADUATION 2018-22
Co-Principal Investigator, University of Massachusetts Amherst
NSF EAGER: (Co-PIs: Ezekiel Kimball, Nilanjana Dasgupta, Chrystal George Mwangi, Ryan Wells), \$299,267
- IDENTIFYING MECHANISMS OF PEER INFLUENCE ON YOUTH WEIGHT-RELATED BEHAVIORS 2017-22
Co-investigator, University of Massachusetts Amherst. (PI: John Sirard / James Kitts, UMass) NIH/NICHD R01. Grant #:1R01-HD086259-01, \$3,836,985
- UMASS AMHERST CENTER FOR RESEARCH ON FAMILIES SCHOLARS PROGRAM 2018-19
- 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
- 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.

(cont'd: funded Research Grants/Fellowships)

- THE ECOLOGY OF FOOD PERCEPTION 2013-14
Fellow, Centre For Advanced Study, Norwegian Academy of Science & Letters & Norwegian University of Life Sciences. (PIs: G.V. Amdam, B. Egeland, A. Haug, M. 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.

Under review, selected in revision/development

- SIMULATION ANALYSES TO OPTIMIZE WORKPLACE SOCIAL NETWORK INTERVENTIONS 2025-2030
FOR IMPROVING HEALTH BEHAVIORS IN MIDLIFE
Subcontract Co-Investigator, University of Massachusetts Amherst
(PI: Doug Levy, Massachusetts General Hospital/MGH)
UMass, NIH R01. Kuali #9735. *Under review.*
- COLLABORATIVE RESEARCH: CENTERING EQUITY IN WORKFORCE DEVELOPMENT: 2025-2028
COVID-19 FACULTY PRODUCTIVITY DISPARITIES BY RANK, GENDER, RACE, & CAREGIVING
Mark C. Pachucki / Laurel Smith-Doerr / Ethel Mickey, University of Massachusetts Amherst
National Science Foundation. *In preparation for 10/2024 submission.*
- STUDENT SUCCESS ECOLOGIES: LINKING COLLEGE, FAMILY CONTEXTS, AND SENDING COMMUNITIES 2026-2031
WITH YOUTH HEALTH AND SOCIAL MOBILITY
PI: Mark C. Pachucki, University of Massachusetts Amherst
National Institutes of Health, NICHD.
In early-stage community partner consultation and development for 2026 U01 center grant/R01 mechanism

Research grants (submitted, not funded)

PANDEMIC DISPARITIES IN FACULTY PRODUCTIVITY: COMPUTATIONAL TEXT ANALYSIS 2023-2026
OF COVID-19 NARRATIVES BY GENDER, RACE, CAREGIVING STATUS, AND RANK

Mark Pachucki / Laurel Smith-Doerr / Ethel Mickey, University of Massachusetts Amherst
National Science Foundation. Submitted June 2022. Evaluated, not funded.

MOCHA+LATINO: AN INVESTIGATION OF SOCIAL CONNECTEDNESS, CIVIC 2022-2027
ENGAGEMENT, STRESS, AND CHRONIC DISEASE PREVENTION IN LOW/NO-INCOME LATINO MEN

Co-Investigator, University of Massachusetts Amherst
Dr. Luis Valdez, UMass Amherst School of Public Health & Health & Sciences (PI)
National Institutes of Health, R01. Status: March 2021, Scored 44th percentile.

CHILDHOOD ADVERSITY AND LATER-LIFE SOCIAL STATUS DISPARITIES: 2020-2024
EXPLORING SOCIAL, BIOLOGICAL, AND GENETIC MECHANISMS

Principal Investigator, University of Massachusetts Amherst
National Science Foundation. January 2020 submission. Evaluated, not funded.

A NETWORK INTERVENTION TO IMPROVE HEALTH AMONG OLDER ADULTS IN 2020-2025
ASSISTED LIVING

Principal Investigator, University of Massachusetts Amherst
Subproject #4 of NIH/NIA P01. Grant # 2P01AG031093-07 (Yale University)
Status: Received impact score of 25 (4/2018). Not funded.

EVALUATION OF A COLLABORATIVE PROGRAM INTEGRATING SOCIAL AND COMMUNITY 2019-2021
SUPPORT WITH CLINICAL CARE FOR PREGNANT AND PARENTING RURAL WOMEN WITH OPIOID USE
DISORDER.

Co-Investigator, University of Massachusetts Amherst
Dr. Mary Paterno, UMass Amherst School of Nursing (Principal Investigator)
National Institutes of Health/NIDA R21. Status: Submitted November 2018; Scored, not funded.

PRESENTATIONS (selected, since 2010)

Invited presentations

“Centering Equity during Acute Crisis: Analyzing Disparities in COVID-19 Impacts by Faculty Rank, Gender, Race, and Caregiving Status.” Invited speaker. Columbia University. December 1, 2022. Mark C. Pachucki, Laurel Smith-Doerr, Ethel Mickey.

“The ‘long arm’ of youth: Adolescent health behaviors, puberty, and networks linked to adult cardiometabolic risk”. Invited speaker. May 21, 2021. The Dartmouth Institute. Dartmouth College Geisel School of Medicine, Hanover, NH.

“Examining food choices and social relationships across multiple contexts.” Invited speaker. May 27, 2019. Networks in Food Science & Nutrition Workshop, NetSci 2019. University of Vermont. Burlington, VT.

“Investigating Joint Influences of Peers & Puberty on Adolescent Physical Activity.” Invited speaker. April 22, 2019. Duke Network Analysis Center. Duke University. Durham, NC.

- “Social connections and food choices in a large worksite over two years.” Invited speaker. Doug Levy, Mark C. Pachucki (presenter), A. James O’Malley, Bianca Porneala, Anne Thorndike. November 9, 2018. Deep wounds: Social Determinants of Health Inequality. Cornell University. Ithaca, NY.
- “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.
- “Physical activity and social influence in early adolescent networks: How measurement matters.”
- April 6, 2015. Invited speaker, Department of Kinesiology, University of Massachusetts, Amherst, MA. Pachucki, Mark C.
 - 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/ Natl Inst. for Consumer Research (SIFO). Oslo, Norway. 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.

Peer-reviewed presentations

- “Profiling social capital over the life course”. Chen-Shuo Hong (presenter), Mark C. Pachucki. August 13, 2024. American Sociological Annual Meeting. Montreal, Quebec
- “Centering Equity in Acute Crisis: Analyzing Intersectional Disparities and Meanings of Faculty Productivity During COVID-19”. Roundtable presentation. Mark C. Pachucki (presenter), Laurel Smith-Doerr, Ethel Mickey, Kathryn Reynolds. August 18, 2023. American Sociological Annual Meeting. Philadelphia, PA.

- “Network spillover in food choice among co-workers using data from the ChooseWell 365 randomized controlled trial to promote healthy eating.” Mark C. Pachucki (presenter), Chen-Shuo Hong, A. James O’Malley, Douglas E. Levy, Anne N. Thorndike. April 14, 2023. Population Association of America Annual Meeting, New Orleans, LA.
- “The ‘long arm’ of youth: Adolescent health behaviors, puberty, and networks linked to adult cardiometabolic risk.” Mark C. Pachucki (presenter), Youngjoon Bae, Lindsay T. Hoyt, Li Niu, John Sirard, Genevieve Chandler. August 8, 2021. American Sociological Association Annual Meeting (virtual).
- “The ‘long arm’ of pubertal timing and networks: Peer perceptions of development among youth are associated with elevated adult cardiometabolic risk.” Mark C. Pachucki (presenter), Youngjoon Bae, Lindsay T. Hoyt, Li Niu, John Sirard, Genevieve Chandler. May 4, 2021. Population Association of America Annual Meeting (virtual).
- “Diversity and Disconnectedness in Personal Networks: Embracing Difference in a Politically Polarized Age”. Pachucki, Mark C., Anthony Paik.
- American Sociological Association Annual Meeting. August 2019. New York, NY.
 - International Network for Social Network Analysis (INSNA). June 2019. Montreal, Quebec.
- “How puberty affects activity behaviors and friendships during adolescence”. Mark C. Pachucki, Lindsay T. Hoyt, Li Niu, Richard Carbonaro, John Sirard, Genevieve Chandler. International Network for Social Network Analysis (INSNA). June 2019. Montreal, Quebec.
- “Investigating Joint Influences of Peers & Puberty on Adolescent Physical Activity.” Mark C. Pachucki (presenter), Lindsay T. Hoyt, Li Niu, Richard Carbonaro, John Sirard, Genevieve Chandler. October 4, 2018. Annual Meeting of the Interdisciplinary Association for Population Health Science (IAPHS). Washington, DC.
- “Context matters: Adolescent neighborhood and school influences on young adult body mass index”. Li Niu (presenting), Lindsay Till Hoyt, Mark C. Pachucki. April 14, 2018. Society for Research on Adolescence Biennial Meeting. Minneapolis, Minnesota.
- “Peer Influences on Health Food Choice: A Workplace Social Network Analysis.” Doug Levy (presenter), 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. Interdisciplinary 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.

- “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.
- “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.
- “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.
- “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.

TEACHING

As instructor, undergraduate

SOCIOLOGY 103. “Social Problems.”	2022, 24
SOCIOLOGY 213. “Data Collection & Analysis (Social Research Methods).”	2019, 23
SOCIOLOGY 226. “Food as Culture: Eating in Social Context.” (GenEd)	2018, 21, 25
SOCIOLOGY 301. “Writing in Sociology.” *prepped, have not yet taught	2025
SOCIOLOGY 356. “Social forces, health, and the life course.”	2015-18, 24

As instructor, graduate

SOCIOLOGY 742. “Sociology of Medicine.”	2023
SOCIOLOGY 710. “Research Methods.”	2021, 2022
SOCIOLOGY 797N. “Culture & Networks.”	2019
SOCIOLOGY 697P. “Publishing Practicum.”	2018
SOCIOLOGY 797NH. “Social relationships, networks, and health.”	2017

Teaching Honors

UMass College of Social and Behavioral Sciences Outstanding Mentor Award. 2024.
Faculty mentoring award. UMass Department of Sociology Graduate Student Organization. 2021.
Faculty mentoring award. UMass Department of Sociology Graduate Student Organization. 2020.
UMass College of Social and Behavioral Sciences Outstanding Teaching Award. 2019.
Faculty mentoring award. UMass Department of Sociology Graduate Student Organization. 2018.

Graduate mentoring & advising

Handbook on equity in mentoring: <http://www.markpachucki.com/pdf/PachuckiMentoringHandbook.pdf>

Current UMass Sociology mentees

Li, Yifan, PhD Student, UMass Amherst Dept. Sociology.
• 1st Comps committee member, 2024-

Reynolds, Kathryn, PhD Student, UMass Amherst Dept. Sociology.
• Dissertation co-chair (w/Prof. David Cort), 2024-
• 1st comps committee member

Tu, Hsin Fei, PhD Student, UMass Amherst Dept. Sociology.
• Dissertation committee member. 2023-
• 2nd comps committee chair

Orellana, Reyna, PhD Student, UMass Amherst Dept. Sociology.
• Faculty advising. 2023-

Lim, Seo-Yeon, PhD Student, UMass Amherst Dept. Sociology.
• Graduate advisor. 2023-

Grogan, Helene, PhD Student, UMass Amherst Dept. Sociology.
• 2nd Comps committee member, 2023-

Karl, Alexander, PhD Student, UMass Amherst Dept. Sociology.
• 1st Comps committee member, 2023-

McCarthy, Danielle, PhD Student, UMass Amherst Dept. Sociology.
• 2nd Comps committee member, 2024-
• Graduate advisor. 2021-

Erb, Paul, PhD Student, UMass Amherst Dept. Sociology.
• Dissertation committee member. 2019-
• 2nd comps committee member

Hong, Chen-Shuo, PhD student, UMass Amherst Dept. Sociology. 2019-
• Graduate advisor / Dissertation chair
• PhD to be conferred Summer 2024. Assistant Prof. of Sociology, Department of Sociology, National Taiwan University.
• 1st comps committee chair, 2nd comps committee member (**earned department "Best Comprehensive Paper" award*)

Katie Billings, PhD student, UMass Amherst Dept. Sociology. 2016-
• Graduate advisor / Co-Dissertation chair (w/Prof. Kathryne Young)
• 1st comps chair (**earned department "Best Comprehensive Paper" award*), 2nd comps member

Woo, Choonhee, 1st comps committee member, 2020-21.

Yates, Aaron, 2nd comps committee member, 2020-21.

Former PhD advisees & Post-doctoral mentees

- Moore, Travis, Post-doctoral mentee, Tufts University, 2021-
Faculty mentor for NICHD K99/R00 (2023-2028)
- Meyer, Jess. Assistant Professor of Population Health, University of Kansas Medical Center.
Post-doctoral mentee. University of North Carolina Population Center, 2019-2022
- Bae, Youngjoon, PhD. Post-doctoral Associate, Columbia University Mailman School of Public Health.
UMass Amherst Dept. of Sociology PhD committee chair. 2020-2022.
Thesis topic: “Dimensions of social isolation and adverse health outcomes among older men and women in the United States: How aging, living alone, and obesity contribute to mortality.”
- Whitworth, Tanya, PhD. Research Scientist, University of New Hampshire.
UMass Amherst Dept. of Sociology. PhD committee member. 2020-2022. Dissertation topic: “Parents as School Supplies: How Support from Mothers and Fathers Contributes to Inequality in College.”
- Chen, Guanqing, PhD. Department of Anesthesia, Critical Care and Pain Medicine, Beth Israel Deaconess Medical Center, Harvard Medical School. Dartmouth College Dept. Health Care Policy PhD committee member 2020-21. Dissertation topic: “Statistical modeling of data with complex structural and network dependencies.”
- Walton, Tyler, MA. UMass Amherst Dept. of Sociology. MA committee member. 2019-2022.
Thesis topic: “A Relational Investigation of Political Polarization on Twitter.”
- Joyce, Marianne, PhD. UMass Amherst Dept. of Sociology. PhD committee member. 2018-2022.
Dissertation topic: “The Quotidian Quantifier: Fitness Tracking and the Mundanity of Surveillance.”
- Carbonaro, Richard, PhD. US Census Bureau. UMass Amherst Dept. of Sociology. PhD co-chair (w/Prof. David Cort) 2017-21. Dissertation topic: “Policing and Health: Police Encounters as a Fundamental Cause of Racial Health Disparities.”
- Li, Mengjiao, PhD. UMass Amherst Dept. Psychological & Brain Sciences. PhD committee member. 2018-2019. Topic: “Development of Neural and Behavioral Inhibitory Control during Adolescence: The Integrative Effects of Family socioeconomic status and Parenting Behavior.”
- Leal, Diego. PhD. Associate Professor, University of Arizona.
UMass Amherst Dept. of Sociology. PhD committee member. 2016-18. Topic: “Three essays on network dynamics and liminality.”
- Mussio, Irene, PhD, UMass Amherst Dept. Resource Economics. PhD committee member. 2016-18.
Topic: “Three essays on health, risk, and behavior.”
- Abbeyquaye, Sylvia, PhD. UMass Amherst Dept. Nursing. PhD committee member. 2016-18. Topic: “IPMTC- An Emerging Nursing Theory On Transitioning Individuals With Traumatic Brain Injury From Long-Term Care Facilities To The Community Under Medicaid Waiver Programs.”
- Daniel, Caitlin, PhD. Harvard University Dept. Sociology. PhD committee member. 2012-17
Topic: “Cultural Influences on Parents’ Food Decisions”
- Hua, Jenna, PhD. UC Berkeley School of Public Health. NIH F31 Sponsor/Mentor, 2012-16
Topic: “Obesity, social networks, and the built environment in adolescents using objective measurement technologies.”
- Raghavan, Sridharan, MD. MGH Dept. of Medicine. Research mentor. 2013-15.
Fellowship topic: “Social Networks and Diabetes.”

Undergraduate honors thesis advisees

- Keegan, Kyle. “Capabilities and access to care for Urgent Care Centers in Massachusetts.” 2020-21
- Alves de Lima, Isabel. “Exploring the Undergraduate Off-Campus Experience”. 2019-20
- Bitar, Raquel. “Puberty and genetics.” 2019-20
- Jean-Marie, Kassandra. “Ethnic variation in eating behaviors and weight status among early adolescents”. 2018-20
- Szafir, Jennifer. “Stigma and STDs on College Campuses”. 2018-19

PROFESSIONAL ACTIVITIES

National service: professional associations

Chair, DEI committee. Mathematical sociology section. American Sociological Association, 2024-
Panel organizer/discussant. “Later-life Networks, Connectedness, and Social Ties.” IAPHS, Baltimore, MD. 10/23
Panel organizer/discussant. “Mathematical and Computational Approaches to Agency and Social Networks.” ASA, Philadelphia, PA. 8/23
Junior scholar mentoring program. Interdisciplinary Association for Population Health Science. 2020-23
Nominations committee member. Culture section. American Sociological Association, 2021-22
Conference abstract reviewers. Interdisciplinary Association for Population Health Science. 2020-
Graduate paper award committee member. Consumers & Consumption. American Soc. Association, 2018
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.”. NIH-supported. University of California, Berkeley. November 8-9, 2012; October 10-11, 2013.
Special issue co-editor. Pachucki, Mark A. (Ed.), Sabrina Pendergrass (Ed.), Michèle Lamont (Ed.). 2007. “Culture Lines: Emerging research on Boundaries.” *Poetics*, Vol. 35, Number 6.

National service: extramural committee assignments

Member, National Science Foundation Review Panel, 2020, 2021, 2024
Member, Study Section, Ad Hoc, Center for Scientific Review, National Institutes of Health, 2024/01 SPIP, 10/2023. “Social Psychology, Personality, and Interpersonal Processes.”
Member, Special Emphasis Panel. Center for Scientific Review, National Institutes of Health, ZRG1 BBBP-Y (50), 7/2020. “Research on Psychosocial Factors of Social Connectedness and Isolation on Health, Well-Being, Illness and Recovery.”
Member, Special Emphasis Panel. Center for Scientific Review, National Institutes of Health, 2022/05 ZMD1 KNL (M1) 1, 2/2022. “NIMHD Support for Conferences and Scientific Meetings (R13).”
Member, Special Emphasis Panel. Center for Scientific Review, National Institutes of Health, ZMD1 KNL (J1) R, 11/2021. “Impact of Structural Racism and Discrimination on Minority Health and Health Disparities.”
Stage 1 Subject Matter Expert, Center for Scientific Review, National Institutes of Health, ZRG1 PSE-H (70) R, Special Emphasis Panel, 2021
Reviewer, Netherlands Org. for Scientific Research (NWO) panel on complexity & creativity, 2019
Reviewer, John Templeton Foundation, 2020
Reviewer, Russell Sage Foundation, 2020

National service: journal reviewing

Editorial Board member. *Journal of Health & Social Behavior*. 2022-
Editorial Board member. *Social Science & Medicine*. 2019-
Ad hoc (selected): American Journal of Public Health, American Journal of Sociology, American Journal of Preventive Medicine, American Sociological Review, Child Development, Cultural Sociology, Field Methods, Human Relations, Journal of American College Health, Journal of Epidemiology and Community Health, Journal of Gerontology: Social Sciences, Journal of Nutrition, Nature Human Behavior, Network Science, PLOS One, PLOS Medicine, Proceedings of the National Academy of Sciences, Poetics, Public Health Nutrition, Scientific Reports, Social Forces, Social Networks, Social Problems, Sociological Forum, Sociological Perspectives, Social Psychology Quarterly, Sociological Theory, SSM: Population Health, Socius, Statistics in Medicine.

National service: Tenure & promotion letters

University of California, Berkeley; Columbia University

University Service

Member, University of Massachusetts Institutional Review Board, 2023-present
Co-leader, UMass Grad School Faculty NRMN Mentoring Workshops, 2023-24
Member, Faculty Senate Research Council, Research Computing Committee, 2024-25
Member, University of Massachusetts Institutional Review Board, 2018-2022
Chair, Faculty Senate Research Council, Research Computing Committee, 2022

- Designed, fielded, analyzed campus-wide survey of computing resources

Member, Faculty Senate Research Council, 2020-24

- Committee chair, permanent status review, Center for Nursing/Engineering Innovation
- Committee chair, permanent status review, Center for Comm. Health Equity Research
- Committee chair, permanent status review, Center for Employment Equity

Member, DACSS Graduate Admissions Committee, 2021-22
Member, UMass ADVANCE Program Fellows Program, 2021-22
Co-leader, UMass Grad School Faculty NRMN Mentoring Workshops, 2021-22
Co-chair, Department of Sociology ADVANCE Mutual Mentoring Research, 2018-21
Member, Faculty Senate Research Council, Research Computing Committee, 2020-21
Member, UMass SBS Outstanding Teaching Award selection committee, 2020-21
Member, Department of Psychological & Brain Sciences Recruitment Committee, 2020-21
Panelist, UMass ADVANCE Program “Art of Collaboration” Workshop, 2020
Member, UMass NIH T32 Program Committee, 2018-19
Reviewer, Faculty Research Grant Reviewer (ad hoc), 2018-19
Reviewer, Faculty Research Grant Reviewer (ad hoc), 2017-18
Member, SBS Certificate of Data Science committee, 2015-16
Co-chair, Computational Social Science Institute Seminar Committee, 2015-16

Department Service

Member, Department of Sociology Committee for Equity & Social Justice, 2024-25
Member, Department of Sociology Personnel Committee, 2023-24
Member, Department of Sociology Graduate Program Committee, 2021-22
Member, Department of Sociology Personnel Committee, 2020-21
Member, Department of Sociology Faculty Recruitment Committee, 2019-20
Member, Department of Sociology Computing Cluster Research Group, 2018-2019
Member, Department of Sociology Personnel Committee, 2018-19
Member, Department of Sociology Committee on Intellectual Activities, 2017-18
Member, Department of Sociology Graduate Program Committee, 2016-17
Member, Department of Sociology Committee on Intellectual Activities, 2015-16

Association membership (active)

American Sociological Association. 2002-present.
International Network for Social Network Analysis. 2005-present.
Interdisciplinary Association for Population Health Science. 2016-present.
Heterodox Academy. 2018-present.
Population Association of America. 2019-present.

Public sociology

- Pachucki, Mark C., Anthony Paik. 2023. "Ditching a friend who is not like you can deepen social inequality." *The Conversation*. April 10, 2023. Reprinted 4/2023: Midland Daily News, Seattle Post-Intelligencer, Peru Tribune, Albany Times Union, Idaho Press, Financial Times, Elmira Telegram, The Detroit Patriot, The Caledonian Record, The Alton Telegraph, Skagit Valley Herald, Phys.Org, Yahoo.com
- On "Social connections and the healthfulness of food choices in an employee population" 4-5/2021: Daily Mail(UK), US News & World Report, The Times(UK), The Telegraph(UK), Der Tagesspiegel(Germany), Atlanta Journal-Constitution, Harvard Gazette
- Saldo, Carrie. "Personal interaction in the Age of Technology." *WGBY Connecting Point*, 4/10/2019
- Damour, Lisa. "Why Demonstrating is Good for Kids." *New York Times*. 3/12/18
- Pachucki, Mark. Essay. "The importance of social relationships over the life course." NIH Office of Behavioral and Social Sciences Research. 8/2016
- 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.

Software fluency Advanced proficiency in Stata, R programming languages

[rev. 6/24]