

Josef (Kuo-Hsun) Ma

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Education

Expected 2016	Ph.D.	Department of Sociology, University of Connecticut
2008 ~10	Ph.D. Student	Department of Sociology, National Taiwan University
2007	MA	Department of Sociology, National Taiwan University
2005	BA	Department of Sociology, National Taipei University

Research and Teaching Interests

Comparative Sociology, *foci: Global Economy & Politics, Global Inequality & Poverty, Immigration*
Sociology of Education, *foci: Stratification, School Contexts, Digital Inequality*
Sociology of the Family, *foci: Life Course, Intergenerational Relationships, Gender, East Asia*
Quantitative Methodology, *foci: Multilevel Models; Categorical Analysis; Methods for Panel and Longitudinal Data*

Peer-Review Publications

- 2015 Vachon, Todd and Josef (Kuo-Hsun) Ma. "Bargaining for Success: Examining the Relationship between Teacher Unions and Student Achievement." *Sociological Forum* 30(2): 391-414.
- 2014 Cheng, Simon, Josef (Kuo-Hsun) Ma, and Stacy Missari. "The Effects of Internet Use on Adolescents' First Romantic and Sexual Relationships in Taiwan." *International Sociology* 29(4): 324-347.
- 2014 Cheng, Simon, Laura Hamilton, Stacy Missari, and Josef (Kuo-Hsun) Ma. "Sexual Subjectivity among Adolescent Girls: Social Disadvantage and Young Adult Outcomes." *Social Forces* 93(2): 515-544.
- 2010 Ma, Josef (Kuo-Hsun). "Close to Parents or Parents-in-Law? Comparing the Relationship of Adult Children to their Aging Parents and In-Laws in Taiwan." *Journal of Taiwan Studies* 6: 45-82 (in Chinese).
- 2008 Sheu, Tian-Ming, Jau-Wei Dan, Chin-Ju Mao, Pey-Ying Chen, and Josef (Kuo-Hsun) Ma. "Improving the Quality of University," Pp. 27-92 in *Raising the Quality of Higher Education: An Reflection*, edited by Samuel S. Peng, published by Center for Research on Educational Evaluation and Development, National Taiwan Normal University (in Chinese).
- 2007 Chen, Pey-Ying and Josef (Kuo-Hsun) Ma. "The Indigenous College Students' Learning Conditions, Financial Burden and Educational Aspiration." *The Electronic Journal of Taiwanese Higher Educational Study* 7 (in Chinese)

Paper in Progress

“Bridging the Digital Gap between Wealthier and Poorer Students? A Cross-National Analysis.”

(with Simon Cheng and Todd Vachon)

“The Inequality of Digital Learning vs. the Academic Achievement Gap: Re-examining the

‘Heyneman-Loxley Effect.’” (with Mary Fischer)

“The Black-White Difference in the Effect of Non-Cognitive Traits on Educational and Economic Success.”

Dissertation

Title: “The Inequality of Digital Learning among Middle-School Students between Rich vs. Poor Countries”

Abstract: The rise of the knowledge economy and the rapid development of digital technologies worldwide have altered educational practices and drawn the attention of both researchers and politicians to a new social problem—the digital divide. However, despite the potential impact of digital use on students’ educational outcomes, research has yet to explain whether the use of digital technology helps reduce or reproduce existent educational inequality; we know little of how this relationship differs cross-nationally—especially between poor and rich countries. Compared to most of the previous research which is based on single-country observations, the primary contribution of this dissertation is to examine how the inequality of digital learning (i.e., computer use for schoolwork, search for information on the Internet) varies systematically across the nations. This dissertation applies multilevel models along with many useful international comparison techniques to analyze the 2009 data from the OECD Programme for International Student Assessment (PISA). Equally important, I provide a comprehensive framework which incorporates a wide range of country-level and school-level explanations, and address how national context (e.g., national wealth, national commitment to education and technology advancement, etc.) and school characteristics (e.g., educational resources, digital infrastructure, etc.) affect the inequality of digital learning *within nations*.

Committee: Simon Cheng (chair), Mary J. Fischer, Jeremy Pais, Michael E. Wallace, and David L. Weakliem

Fellowships, Awards, and Honors

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| 2015 | Dean’s Graduate Fellowship, UConn |
| 2015 | ASA Student Forum Travel Award, American Sociological Association |
| 2012, 2015 | Graduate Student Travel Award, UConn (two times) |
| 2014 | Outstanding Teaching Evaluations, Course: <i>The Development World</i> , UConn |
| 2014 | The Ronald L. Taylor for Best Graduate Student Paper Award, Department of Sociology, UConn, “Bargaining for Success: Examining the Relationship between Teacher Unions and Student Achievement.” (Co-author with Todd Vachon) |
| 2014 | Dissertation Fellowship, Institute of Sociology, Academia Sinica (declined) |
| 2014 | Stipend Recipient, Institute on Statistical Analysis for Education Policy on Causal Analysis Using International Data, American Educational Research Association (AERA) |
| 2014 | Travel Grant for Starting Sociologists in East Asia. XVIII ISA World Congress of |

	Sociology, Yokohama, Japan, Jul 2014.
2012-14	Sociology Emeriti Awards, UConn (three times)
2010-14	Pre-doctoral Fellowship, UConn (six times)
2013	Dissertation Fellowship, UConn
2012-13	Summer Fellowship, UConn (two times)
2010	Graduate Student Travel Award, National Taiwan University & Ministry of Education
2009	Stipend Recipient, Global Center of Excellence Workshop, Kyoto University, Japan
2009	Scholarship for Ph.D. Students, National Taiwan University
2007	Master Thesis Scholarship, Panel Study of Family Dynamics, Academia Sinica

Selected Conference Presentations

- 2015 “Bridging the Digital Gap between Wealthier and Poorer Students? A Cross-National Analysis (with Todd Vachon). Annual Meetings of the **American Sociological Association**, Chicago, IL, Aug 2015.
- 2015 “The Internet Literacy Gap along Socioeconomic Lines in 61 Countries.” (with Todd Vachon). **Annual Conference of the Comparative and International Education Society**, Washington, DC, March 2015.
- 2014 “Reconsidering the Within-Country Digital Divide and the Global Digital Gap: Comparing Students' Daily Life Experiences with Information and Communication Technologies from 40 Countries.” (with Todd Vachon). **XVIII ISA World Congress of Sociology**, Yokohama, Japan, Jul 2014.
- 2013 “Inequality Bytes: Examining the Effects of Institutional Context on Students' Digital Usage.” (with Todd Vachon). Annual Meetings of the **American Sociological Association**, New York, NY, Aug 2013.
- 2013 “Is Sexual Empowerment Harmful? The Effects of Expectations of Sexual Pleasure on Long-Term Outcomes.” (with Simon Cheng and Missari, Stacy A.). Annual Meetings of the **American Sociological Association**, New York, NY, Aug 2013.
- 2012 “The Effects of Internet Use on Adolescents' First Romantic and Sexual Relationships in Taiwan.” (with Simon Cheng and Missari, Stacy A.). Annual Meetings of the **American Sociological Association**, Denver, CO, Aug 2012.
- 2012 “Unequal Empowerment: Sexual Pleasure Attitudes and Social Disadvantage among Female Adolescents.” (with Simon Cheng and Missari, Stacy A.). Annual Meetings of the **American Sociological Association**, Denver, CO, Aug 2012.
- 2012 “Is Altruism Transient or Impossible? Meso-Level Explanations of Religious Charity in the United States.” Annual Meetings of **Eastern Sociological Association**, New York, NY, Feb 2012.
- 2011 “The Effects of Internet Use and Internet Café Visits on Adolescents' First Romantic and Sexual Relationships.” (with Simon Cheng, Missari, Stacy A., and Chin-Chun Yi). The **4th Conference of Taiwan Youth Project**, Institute of Sociology, Academia Sinica, Taipei, Nov 2011.
- 2011 “I Have a Bad Luck but I Still Feel Good with Myself”: Comparing the Black-White Difference in the Effect of Non-cognitive Traits on Future Success.” Annual Meetings of the **American Sociological Association**, Las Vegas, NV, Aug 2011.

- 2010 "Gender Differences in Adult Children's Support of Their Aging Parents in Taiwan." Annual Meetings of the **American Sociological Association**, Atlanta, GA, Aug 2010.
- 2010 "The Impact of Teacher's Evaluation on Student's Test Performance and the Decision of High School Types." (with Chin-Chun Yi). Annual Meetings of the **Population America Association**, Dallas, TX, Apr 2010.
- 2009 "Student Engagement and Teacher-Student Relationship: The Influence of Noncognitive Factors on Educational Achievement." (with Chin-Chun Yi). The **3rd Conference of Taiwan Youth Project**, Institute of Sociology, Academia Sinica, Taipei, Dec 2009.
- 2009 "Adult Children's Support to Their Aging Parents in Taiwan: The Influence of Child's Socioeconomic Status, Gender and Reciprocity." The **2nd Global Center of Excellence (GCOE) Workshop**, Kyoto University, Japan, Nov 2009.
- 2008 "Who Are Your Significant Others? The Change of Taiwanese Adolescents' Educational Expectations: The Effects of Family and School Context." (with Chin-Chun Yi). Annual Meetings of the **Taiwanese Sociological Association**, Academia Sinica, Taipei. Dec 2008.
- 2007 "Close to Paternal or Maternal Parents? Marital Power in the Relationship of Adult Children to Aging Parents and In-Laws." Annual Meetings of the **Taiwanese Sociological Association**, National Taiwan University, Taipei. Dec 2007.

Selected Research and Teaching Experience

Instructor

- 2015 Social Problems, UConn
- 2013-14 The Developing World, UConn (two times)
- 2012-14 Introduction to Sociology, UConn (three times)
- 2012 Sociology of Education, UConn
- 2006-10 Social Statistics (Lab), National Taiwan University (three times)

Research Assistant

- 2014-15 The Roper Center for Public Opinion Research, University of Connecticut
- 2007-10 The Taiwan Youth Project, Institute of Sociology, Academia Sinica
- 2007 Educational Evaluation and Development, National Taiwan Normal University
- 2006-07 Empowered Learning of Indigenous College Students, Taiwan National Science Council

Teaching Assistant and Tutor

- 2012 Quantitative Methods in Social Research (Tutor), UConn
- 2011 Quantitative Research II, UConn (Teaching Assistant)

Graduate Courses and Workshops on Quantitative Methods

- 2014 Institute on Statistical Analysis for Education Policy on Causal Analysis Using International Data, American Educational Research Association
- 2013 Quantitative Research in Sociology—The Workflow of Data Analysis, UConn
- 2013 Advanced Quantitative Methods—Multilevel Modeling of Longitudinal Data), UConn
- 2011 Hierarchical Linear Modeling, UConn

- 2011 Quantitative Research II (Non-Linear Data Analysis), UConn
2009 Longitudinal Models for Adolescent Growth and Transition Analysis, Academia Sinica
2009 Seminar on Statistical Analysis—Econometric Models, National Taipei University
2009 Workshop on Categorical Data Analysis, Academia Sinica
2008 Counterfactuals and Causal Inference, National Taiwan University
2005 Advanced Social Statistics, National Taiwan University

Software Tools

STATA, R, SPSS, HLM, Mplus, SAS

Academic Service

Referee, *International Sociology*

Referee, *International Migration Review*

Reviewer, American Educational Research Association Annual Meeting 2016

Reviewer, Annual Conference of the Comparative and International Education Society 2015

Representative, Sociology Graduate Student Association, National Taiwan University

Activities and Volunteerism

2013-15 Chief Organization Officer, International Christian Fellowship, UConn

2013-15 Leader of the Rite of Christian Initiation of Adults, St Thomas Aquinas Chapel, UConn

2003 Representative, University Student Catholic Association of North Taiwan

References

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