

Lucia C. Lykke

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EDUCATION

2017. Ph.D. in Sociology, University of Maryland, College Park, MD.

Dissertation: "Health Associations with Interracial and Inter-ethnic Marital, Cohabiting, and Dating Relationships in the United States"

2013. M.A. in Sociology, University of Maryland, College Park, MD

2007. B.A. in Psychology & Women's Studies, College of William and Mary, Williamsburg, VA

RESEARCH INTERESTS

Race, ethnicity, gender; Survey methodology; Social stratification; Social psychology; Health inequalities; Mental health

RESEARCH & WORK EXPERIENCE

2016-present. Survey Statistician, U.S. Census Bureau. Supervisor: Patricia Goerman

Accomplishments and duties:

- Led project efforts to research Spanish translations of survey instruments and government forms
- Conducted qualitative cognitive interviews and moderated focus groups in Spanish and English
- Analyzed findings and prepared documentation and presentations of procedures and findings for publication
- Conducted expert reviews of surveys translated into Spanish
- Led efforts to improve the Census Bureau's systems development lifecycle for developing online instruments to administer surveys and disseminate data, including preparing a business case and project plans to improve operational efficiency

2015-2016. Social Science Intern, U.S. Census Bureau. Supervisor: Patricia Goerman

Accomplishments and duties:

- Assisted in investigations using U.S. Census Bureau survey instruments in Spanish, including planning procedures for collecting and tabulating data, analyzing findings, and preparing documentation

2012-2016. Research Assistant, University of Maryland. Supervisors: Philip Cohen, Michael Rendall

Accomplishments and duties:

- Planned procedures for analyzing data and selected appropriate statistical techniques and methods to produce data and analyze data, including: regression modeling (OLS, logistic, and multinomial logistic); applied statistical methods to improve estimation by combining multiple nationally representative surveys; developed solutions to difficult statistical problems by modifying existing techniques (e.g., implementing bootstrapping techniques to estimate standard errors around predicted probabilities in a longitudinal study design)

- Prepared documentation of procedures and findings to write multiple research articles for presentation and publication, including analyzing findings, evaluating the statistical limitations of data, and connecting results to prior research and theory
- Analyzed data from large, nationally representative surveys including Survey of Income and Program Participation, IPUMS International, General Social Survey, and National Longitudinal Survey of Adolescent Health
- Managed multiple social media marketing campaigns to promote research activities and wrote brief research reports for an academic blog

2014. Summer Research Assistant, University of Maryland. Supervisor: Michael Rendall

Accomplishments and duties:

- Analyzed findings and evaluated the statistical limitations of a large, nationally representative dataset for an NIH grant proposal

2008-2011. Business Analyst & Functional Lead, Avenity, Inc. (IT Consulting)—Reston, VA

Accomplishments and duties:

- Independently led a team of analysts and developers in all stages of the software development life cycle to design and maintain a system to manage human resources survey data. Duties included: planning and developing software specifications, establishing time schedules for phases of development and usability testing, coordinating the accomplishment and management of the various phases of the software development life cycle, and making presentations of the software design, enhancements, and known issues for the client
- Led a team to design a new integrated system to manage human resources survey data products after client's corporate merger
- Produced and documented work results and findings, including: functional requirements, scope documents, time and cost estimates, design documentation, gap analysis documentation, and release notes
- Planned and performed usability testing with software products

PEER-REVIEWED PUBLICATIONS

Mikelyn Meyers, Yazmin A. G. Trejo, and **Lucia C. Lykke**. 2017. "The Performance of Vignettes in Focus Groups and Cognitive Interviews in a Cross-Cultural Context." Forthcoming in *Survey Practice*.

Lykke, Lucia C. 2016. "Invisibility and Denial: Media Accounts of Sexual Violence for Gender- and Race-Specific Audiences." *Feminist Media Studies* 16(2): 239-260.

Lykke, Lucia C., and Philip N. Cohen. 2015. "The Widening Gender Gap in Opposition to Pornography, 1975-2012." *Social Currents* 2(4): 307-323.

Denny, Kathleen E., Shanna Brewton-Tiayon, **Lucia C. Lykke**, and Melissa A. Milkie. 2014. "Admonished, then Excused: Framing Low Father Involvement as a Social Problem in the 20th and 21st Centuries." *Fathering: A Journal of Theory, Research, and Practice about Men as Fathers* 12(3): 221-241.

MANUSCRIPTS UNDER REVIEW & IN PROGRESS

Lykke, Lucia C. and Michael S. Rendall. "Interracial and Inter-ethnic Marriage and Cohabitation and Self-Rated Health." In progress.

Rendall, Michael S., Margaret Weden, and **Lucia C. Lykke**. "Cohort Projection of the Emergence and Growth of National Racial/Ethnic Disparities in Obesity from Childhood through Adulthood." In progress.

Lykke, Lucia C. and Shanna Brewton-Tiayon. "Weight (Mis)Perception Among Overweight and Obese Teens and Adults: Demographic and Psychosocial Explanations." In progress.

TECHNICAL SKILLS

- Statistical analysis software (Stata, SAS, SPSS)
- Quantitative methods (Regression techniques including multivariate linear regression, logistic regression, multinomial logistic regression; linear and nonlinear regression decomposition; propensity score matching; multiple imputation; bootstrapping techniques)
- Qualitative methods (Cognitive interviewing, focus groups, content analysis); Qualitative research software (NVivo)
- Experience working with large secondary data sets including: National Longitudinal Survey of Adolescent Health (Add Health), Survey of Income and Program Participation (SIPP), General Social Survey, IPUMS International, Social Capital Community Survey

FELLOWSHIPS, HONORS, & AWARDS

2016. Smart Cookie Award, U.S. Census Bureau (awarded for submitting a top-rated plan for innovation)

2011-2013. Dean's Fellowship, University of Maryland (\$5000 annually)

2012-2013. Departmental Summer Fellowship, University of Maryland (\$5000 annually)

2007. Summa Cum Laude, College of William and Mary

2007. Phi Beta Kappa, Alpha Chapter of Virginia, College of William and Mary

CONFERENCE PRESENTATIONS

Lykke, Lucia C. and Michael S. Rendall. "Self-rated Health Associations with Interracial and Inter-ethnic Marriage and Cohabitation in the U.S." Accepted for presentation at annual meeting, American Sociological Association. Montréal, Canada, August 12-15, 2017.

Lykke, Lucia C. and Gerson D. Morales. "Bilinguals as Cognitive Interview Respondents: Identifying Potential Data Quality Problems and Refining Recruitment Criteria." Paper presented at annual meeting, American Association for Public Opinion Research. New Orleans, LA, May 18-21, 2017.

Holzberg, Jessica L., and **Lucia C. Lykke**. "Using Online Panels to Approximate Populations of Interest for Cognitive Testing." Paper presented at annual meeting, American Association for Public Opinion Research. New Orleans, LA, May 18-21, 2017.

Graber, Jessica, Dave Tuttle, **Lucia Lykke**, and Kathleen Kephart. "Internet and Technology Usage by Households Applying for Free and Reduced-Price Meals." Paper presented at annual meeting, American Association for Public Opinion Research. New Orleans, LA, May 18-21, 2017.

Meyers, Mikelyn, Yazmin Garcia Trejo, and **Lucia Lykke**. “The Performance of Vignettes in Focus Groups and Cognitive Interviews in a Cross-cultural Context.” Paper presented at annual meeting, American Association for Public Opinion Research. Austin, TX, May 11-15, 2016.

Lykke, Lucia C. and Shanna Brewton-Tiayon. “Weight (Mis)Perception Among Overweight and Obese Teens and Adults: Demographic and Psychosocial Explanations.” Paper presented at annual meeting, American Sociological Association. Chicago, IL, August 20-24, 2015.

Lykke, Lucia C. “Invisibility and Denial: Media Accounts of Sexual Violence for Gender- and Race-Specific Audiences.” Paper presented at annual meeting, American Sociological Association. San Francisco, CA, August 16-20, 2014.

Lykke, Lucia C. and Philip N. Cohen. “Pornographication, Postfeminism, and the Gender Gap in Opposition to Pornography, 1975-2012.” Paper presented at annual meeting, Eastern Sociological Society. Baltimore, MD, February 20-23, 2014.

Denny, Kathleen, Shanna Brewton-Tiayon, **Lucia C. Lykke**, and Melissa A. Milkie. “Who’s to Blame? Framing Low Father Involvement as a Social Problem in the 20th and 21st Centuries.” Paper presented at annual meeting, Eastern Sociological Society. Boston, MA, March 21-24, 2013.

TEACHING

2011. Graduate Teaching Assistant, University of Maryland

Sociology 428: Research in Gender Inequality. Supervisor: Reeve Vanneman

2007-2008. Atlantic Bilingual School—Puerto Cortés, Honduras

High School Science Teacher, Second Grade Teacher

PROFESSIONAL & SERVICE ACTIVITIES

2013-present. Reviewer, *Gender & Society*

2015-present. Reviewer, *Social Currents*

2016-present. Reviewer, *Social Forces*

2017-present. Reviewer, *Sociological Focus*

2015-2016. American Sociological Association Website Redesign Taskforce

2014-2015. Graduate Admissions Committee

2013-2014. President, Graduate Student Forum

2012. Webpage Organizer, Gender & Society in the Classroom

PROFESSIONAL MEMBERSHIP

American Sociological Association

Eastern Sociological Society

LANGUAGES

English

Spanish