

Rachel J. Bacon

The Pennsylvania State University
Department of Sociology and Criminology
211 Oswald Tower, University Park, PA 16802

Phone: 814-865-2727
Email: rjb397@psu.edu
Web: <https://sites.psu.edu/racheljbacon/>

EDUCATION

- 2019 Ph.D., Sociology and Demography (Quantitative Methods Certificate), The Pennsylvania State University (Expected). *Dissertation: Food, Race and Religion: Dietary Acculturation in the Adventist Health Study*. Committee: Stephen Matthews, Jennifer Van Hook, Roger Finke, Eric Plutzer
- 2015 M.A., Sociology and Demography, The Pennsylvania State University. *Thesis: Contextual Socio-demographic Change and Denominational Growth, 1980-2010*
- 2013 B.A., Sociology and Geography with a concentration in environmental and emergency management, University of Delaware. *Thesis: International Religious Activity, Immigration, and the Growth of Seventh-day Adventism in the United States*

RESEARCH & TEACHING INTERESTS

Demography, Immigrant Acculturation, Religion, Food, Health Disparities, Neighborhood, Quantitative methods, GIS and Spatial Methods, Social Problems

PUBLICATIONS (*PEER REVIEWED)

- Forth. Matthews, Stephen, Ellis Logan, **Rachel J. Bacon**, and R. L'Hereux Lewis-McCoy. "Spatial Analysis." *Oxford Bibliographies Online – Sociology* [updated].
- 2018 ***Bacon, Rachel J.**, Roger Finke, and Dale Jones. "Merging the Religious Congregations and Membership Studies: A Data File for Documenting American Religious Change." *Review of Religious Research* 60(3):403-422.
- 2015 Matthews, Stephen, Ellis Logan, and **Rachel J. Bacon**. "Spatial Analysis." *Oxford Bibliographies Online – Sociology*.
- 2015 ***Perez, Victor W.**, Joel Best, and **Rachel J. Bacon**. "Cancer Clusters in Delaware? How One Newspaper Turned Official Statistics into News." *Numeracy* 8(1):Article 7.
- 2014 **Bacon, Rachel J.** Book review of *Becoming Intimately Mobile* by Paula Bialski in *Contemporary Sociology: A Journal of Reviews* 43(3):437-438.
- 2012 **Bacon, Rachel J.** "In the Shadow of Saturated Fat: The Struggle to Get Trans Fats Noticed." Pp 233-250 in *Making Sense of Social Problems: New Images, New Issues*, Edited by Joel Best and Scott Harris. Boulder, CO: Lynne Rienner Publishers.

UNDER REVIEW

- Bacon, Rachel J.** "Racial-Ethnic Diversity and the Decline of Historically-White Protestant Denominations: A Spatial Fixed-effects Approach." *Spatial Demography*

IN PROGRESS

Dissertation-related

- Bacon, Rachel J.** "Dietary Acculturation Measurement and Findings: A Systematic Review of Studies on Immigrants to the United States."
- Bacon, Rachel J.**, Jennifer Van Hook and Karen Jaceldo-Siegl. "Measuring Diet Americanization with the Food Similarity Index: Making Out-of-Sample Comparisons with a Food Frequency Questionnaire."
- Bacon, Rachel J.** and Karen Jaceldo-Siegl. "Mediators of Diet Americanization among Black Caribbean Immigrants in the Adventist Health Study"

Other collaborations

- Bacon, Rachel J.** and Karen Jaceldo-Siegl. "Only on Sabbath: Dietary Code Switching Among Seventh-day Adventists."
- Bacon, Rachel J.** and Jennifer Van Hook. "Out of the Desert, into the Swamp? Spatial Assimilation and Exposure to Food Environments among Hispanics."
- Oi, Katsuya, and **Rachel J. Bacon**. "Self-Esteem and Religious Disaffiliation among Protestants in the United States."
- Stroope, Samuel, Mike Barton, Liz Brault, and **Rachel J. Bacon**. "Social Structure, Culture, and Crime: The Neglected Role of Religion in Institutional Anomie Theory."
- Anderson, Cory, and **Rachel J. Bacon**. "Where the Amish will Go: Favorable Sites for Expansion and Continued Growth."

AWARDS AND FELLOWSHIPS

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| 2017 | RGSO Dissertation Support Competition, Pennsylvania State University (\$1000) |
| 2016 | Liberal Arts External Incentive Award for NIH F31 Grant Application, Pennsylvania State University (\$250) |
| 2014 | Liberal Arts External Incentive Award for NSF Pre-doctoral Application (Hoffman Centennial Grad Endowment), Pennsylvania State University (\$500) |
| 2013 | Huber-Form Scholarship in Sociology, Pennsylvania State University (\$1,750) |
| 2013 | Kraft Wilson Graduate Fellowship in Sociology, Pennsylvania State University (\$1,500) |
| 2013 | Benjamin McGluckie Award for Sociology Undergraduate Student, University of Delaware, Department of Sociology and Criminology (\$1,000) |
| 2013 | Geography Faculty Award, University of Delaware, Department of Geography (\$100) |
| 2012 | Social Science Undergraduate Summer Scholar, University of Delaware (\$3,500) |

RESEARCH EXPERIENCE

- 2019- Research associate: NIH grant preparation, project coordination, and spatial data analysis for a needs and health assessment for Hispanic and Indigenous informal caregivers of persons with dementia. Supervised by Regent Professor Julie Baldwin, Northern Arizona University

- 2017-19 Research assistant: NIH grant preparation and spatial data analysis for projects on Hispanic dietary acculturation. Supervised by Professor Jennifer Van Hook, Pennsylvania State University
- 2014-17 Research assistant: Data management for the Association of Religion Data Archives. Supervised by Professor Roger Finke, Pennsylvania State University
- 2016 Summer internship: analysis, writing, and map illustrations for "Religion and Education Around the World" report. Supervised by Conrad Hackett, Pew Research Center
- 2013-14 Research assistant: Spatial data analyses for projects on food access and obesity. Supervised by Professor Stephen Matthews, Pennsylvania State University

TEACHING EXPERIENCE

- 2015/18 Instructor: Social Problems (Sociology 005), Summer session, Pennsylvania State University
- 2017 Graduate Student Online Teaching Certificate, Pennsylvania State University
- 2011-13 Undergraduate academic tutor: Sociology, geography, statistics, University of Delaware

GRANT WRITING EXPERIENCE

- 2019 NIH Administrative supplement, funded \$374,906. "A Multilevel Examination of Health Equity among Ethnic and Rural ADRD Caregivers." Role: Coordinator and Team Member. PI: Julie Baldwin.
- 2017 NIH R21, unfunded "Food Environments, Diet, and Weight among Hispanics." Role: Research Assistant. PI: Jennifer Van Hook
- 2016 NIH F31 (pre-doctoral), unfunded. "Understanding the Links between Religion and Dietary Acculturation." Role: PI
- 2015 NSF Graduate Research Fellowship, unfunded. "Negotiating Religious and Ethnic Identities: Dietary Acculturation among Adventist Immigrants." Role: PI

OTHER WORK EXPERIENCE

- 2013 Summer internship: Campus emergency manual development, safety/security training session for camp counselors, Siegel Jewish Community Center in Wilmington, DE
- 2011-12 Operations Support Specialist: client file database management and auditing assessments for the Weatherization Assistance Program, Delaware Department of Natural Resources and Environmental Control in Dover, DE

PRESENTATIONS

- 2019 Bacon, Rachel J., and Jennifer Van Hook. "Out of the Desert, into the Swamp? Spatial Assimilation and Exposure to Food Environments among Hispanics." Poster presented at the Population Association of America. Austin, TX. April 12, 2019.
- 2018 **Bacon, Rachel J.**, and Karen Jaceldo-Siegl. "Only on Sabbath: Dietary Code Switching Among Seventh-day Adventists." Society for the Scientific Study of Religion. Las Vegas, NV. October 27, 2018.

- 2018 **Bacon, Rachel J.**, Roger Finke, and Dale Jones. "Merging the Religious Congregations and Membership Studies: A Data File for Documenting American Religious Change." Poster presented at the Population Association of America. Denver, CO. April 26.
- 2018 **Bacon, Rachel J.**, Jane Lankes. "Authoritative Parenting and Religious Disaffiliation Among Christians in Young Adulthood: Examining Differences by Gender." Poster presented at the Population Association of America. Denver, CO. April 26.
- 2018 **Bacon, Rachel J.**, Karen Jaceldo-Siegl, Jennifer Van Hook and Stephen A. Matthews. "Measuring Diet Americanization in Unique Samples: A Validation of the Food Similarity Index in the Adventist Health Study." Poster presented at the Penn State Graduate Student Exhibition. March 25.
- 2017 **Bacon, Rachel J.**, Karen Jaceldo-Siegl, Jennifer Van Hook and Stephen A. Matthews. "Measuring Dietary Acculturation in an Ethnically Diverse Sample using the Adventist Health Study and NHANES." Poster presented at the American Public Health Association Annual Meeting and Expo. Atlanta, GA. November 5.
- 2017 **Bacon, Rachel J.** "Parenting Style and Religious Disaffiliation in Young Adulthood." Society for the Scientific Study of Religion. Washington D.C. October 14, 2017.
- 2016 **Bacon, Rachel J.** "Religion and Dietary Acculturation among New Immigrants." Society for the Scientific Study of Religion. Atlanta, GA. October 28.
- 2016 Anderson, Cory, and **Rachel J. Bacon.** "Forecasting Potential Sites of New Amish Settlements Using GIS." Society for the Scientific Study of Religion. Atlanta, GA. October 30.
- 2016 **Bacon, Rachel J.** "Hurricane Katrina, Neighborhood Change, and Declining Residential Segregation in New Orleans." American Sociological Association. Seattle, WA. August 19.
- 2016 **Bacon, Rachel J.** "Socio-Demographic Change and Denominational Growth, 1980-2010." Poster presented at the Population Association of America 2016, Washington D.C. March 31.
- 2016 **Bacon, Rachel J.** "Mainline Protestant Decline in Context." Advancing the Demography of Religion Conference at Pew Research Center. Washington D.C. March 30.
- 2015 **Bacon, Rachel J.** "Contextual changes and the importance of socio-demographic niches for denominational growth, 1980-2010." Society for the Scientific Study of Religion. Newport Beach, CA. October 23.
- 2014 **Bacon, Rachel J.** "Contextualizing Conservative Growth: the Geographic Clustering of Two Denominations." Society for the Scientific Study of Religion. Indianapolis, IN. October 31.

SOFTWARE AND TECHNICAL SKILLS

Software: Geographic Information Systems (ArcGIS, Geoda, GWR), Stata, SPSS, REDCap
 Statistical methods: longitudinal data analysis, event history analysis, exploratory spatial data analysis, spatial regression analysis, demographic techniques

Management and analysis of: Religion Census Data (RCMS), National Historical Geographic Information System (NHGIS), National Health and Nutrition Examination Study (NHANES), Adventist Health Study 2 (AHS2), National Longitudinal Study of Youth (NLSY97)

PROFESSIONAL SERVICE AND MEMBERSHIPS

2020 U.S. Religion Census Advisory Committee, Member

Graduate Committee: Penn State's Sociology Paper Competition Committee, President (2016-18)

Reviewer: *Sociology of Religion*, *Review of Religious Research*

Affiliations: American Sociological Association, Population Association of America, Society for the Scientific Study of Religion

REFERENCES

Stephen A. Matthews, Ph.D.

Liberal Arts Professor of Sociology, Anthropology, and Demography

Courtesy appointment in Geography and the School of International Affairs

Director, Graduate Program in Demography (Dual-Degree)

Interim Director, Online Graduate Programs in Applied Demography

Address: 507 Oswald Tower, University Park, PA 16802

Email: matthews@psu.edu

Office Phone: 814-863-9721

Jennifer Van Hook, Ph.D.

Roy C. Buck Professor of Sociology and Demography

Director, Graduate Program in Sociology

Address: 706 Oswald Tower, University Park, PA 16802

Email: jxv21@psu.edu

Office Phone: (814) 867-2276

Roger Finke, Ph.D.

Distinguished Professor of Sociology, Religious Studies, and International Affairs

Director of the Association of Religion Data Archives (theARDA.com)

Address: 402 Oswald Tower, University Park, PA 16802

Email: rfinke@psu.edu

Office Phone: (814) 867-1427