

Curriculum Vitae Richard Williams

CONTACT INFORMATION

Department of Sociology (office)
4058 Jenkins & Nanovic Halls
University of Notre Dame
Notre Dame, IN 46556

PHONE: (574) 631-6668, (574) 631-6463 (messages)

FAX: (574) 288-4373

EMAIL: rwilliam@nd.edu

WWW: <https://www3.nd.edu/~rwilliam/>

Google Scholar: https://scholar.google.com/citations?user=3kgK_RoAAAAJ&hl

724 West Washington Street (home)
South Bend, IN 46601-1441
(574) 360-1017

A) EDUCATION

Ph.D., University of Wisconsin-Madison, 1986, Sociology

Dissertation: Indianapolis Revisited: A New Look at Social and Psychological Factors Affecting Fertility.

Committee: Elizabeth Thomson (Chair), Robert Hauser, Larry Bumpass, Thomas Heberlein, and Irving Piliavin.

M.S., University of Wisconsin-Madison, 1981, Sociology

Thesis: Peer Influence Vs. Peer Selection: An Attempted Separation.

Committee: Robert Hauser (Chair), William Sewell, and Robert Mare.

B.A., Creighton University, 1977, Political Science. Summa Cum Laude

B) SCHOLARSHIPS AND FELLOWSHIPS

Demography and Ecology Trainee, Center for Demography and Ecology, University of Wisconsin, 1982-1983, 1978-1980.

Presidential scholarship, Creighton University, 1974-1977.

C) PREVIOUS POSITIONS

Full Professor, Department of Sociology, University of Notre Dame, July 2019 - present.

Associate Professor, Department of Sociology, University of Notre Dame, September 1991 – June 2019.

Chair of Department, Department of Sociology, University of Notre Dame, August 1994 – August 2000.

Assistant Professor, Department of Sociology, University of Notre Dame, 1986-1991.

Research Associate, Department of Sociology (Professor Maureen Hallinan), University of Notre Dame, 1985-1986.

Research Assistant, Department of Sociology (Professor Elizabeth Thomson), University of Wisconsin, 1983-1985, 1981-1982.

Research Assistant, Department of Sociology (Professor Robert M. Hauser), University of Wisconsin, 1980-1981.

D) DISTINCTIONS, HONORS, AWARDS

2018 Distinguished Service Award, Notre Dame Faculty Senate.

2015 Stata Journal Editors' Prize for "Using the margins command to estimate and interpret adjusted predictions and marginal effects." *The Stata Journal* 12(2):308-331. The award announcement is at <http://www.stata-journal.com/sjpdf.html?articlenum=gn0066>.

2003 Rodney F. Ganey, Ph.D., Faculty Community-Based Research Award. The award, named after a former Notre Dame Sociology professor, recognizes distinguished research conducted for a local nonprofit or community organization. The award announcement is at <https://www3.nd.edu/~rwilliam/personal/GaneyAward.PDF>.

Third Place (with Eileen McConnell), Outstanding Housing Paper Competition, Annual Meetings of the Association of Collegiate Schools of Planning, October 1999.

E) PROFESSIONAL ACTIVITIES AND MEMBERSHIPS

Associate Editor, Stata Journal Editorial Board, February 2018 – present.

Associate Editor, The Sociological Quarterly Editorial Board, January 2016 – present.

Co-Organizer, North American Stata Users Group Meetings, 2019, 2016, 2011, 2008.

Reviewer for book proposals and draft chapters for both Sage and Chapman and Hall.

Chair, 2015 Paul Lazarsfeld Award Committee. The Paul Lazarsfeld Award recognizes a career of scholarship in sociological methodology.

Secretary/Treasurer, ASA Section on Methods & Statistics, August 2011 – August 2014.

Member, ASA Spivack Program Advisory Panel, January 1, 2011 – December 31, 2017.

Reviewer, *Sociometrics*, Chapman and Hall Publishers, *Social Problems*, *Social Science Research*, *Demography*, *Contemporary Sociology*, *Sociology of Education*, *American Journal of Sociology*, *American Sociological Review*, *Social Psychology Quarterly*, *Sociological Forum*, *The Stata Journal*, *Sociological Methods and Research*, *The American Statistician*, *Criminology*, *Energy Economics*, *Social Forces*, *Journal of Urban Affairs*, *Sociological Inquiry*, *American Journal of Political Science*, *City & Community*, *Housing Policy Debate*, *Social Science Quarterly*, *Mobilization*, *Psychological Methods*, *Sociological Voices*, *Housing Studies*, *PLOS ONE*, *Journal of Mathematical Sociology*, *Psychological Methods*, *European Sociological Review*, *Sage Publications*, *Journal of Studies on Alcohol and Drugs*, *Survey Research Methods*, *Psychology Press*, *Sociological Methodology*, *Preventive Medicine*, *Journal of Child Psychology and Psychiatry*, *Journal of Informetrics*, *International Journal of Public Health*, *Econometrics and Statistics*, *The International Journal of Occupational Safety and Ergonomics*, *Journal of Educational and Behavioral Statistics*, *Advances in Data Analysis and Classification*

Member or past member, American Sociological Association, Society for the Study of Social Problems, Midwest Sociological Society, European Survey Research Association.

Member, Editorial Board, *Sociology of Education*, January 1988 - December 1994.

F) BOOKS AND MONOGRAPHS

Paul Atkinson, Sara Delamont, Alexandru Cernat, Joseph W. Sakshaug & Richard A. Williams (Eds.) 2019-2021. *Sage Research Methods Foundations*. Thousand Oaks CA: Sage Publications. Project is being released in phases, with a print edition expected in 2021. Online entries can be found at <https://methods.sagepub.com/foundations>.

G) REFEREED PUBLICATIONS

Bornmann, Lutz, & Richard Williams. "An evaluation of percentile measures of citation impact, and a proposal for making them better." *Scientometrics* 124, 1457–1478 (2020). <https://doi.org/10.1007/s11192-020-03512-7> .

Williams, R. A., & Quiroz, C. (2020). "Ordinal Regression Models." In P. Atkinson, S. Delamont, A. Cernat, J.W. Sakshaug, & R.A. Williams (Eds.) *SAGE Research Methods Foundations*. A print version will appear in 2021. The online version is available at <https://www-doi-org.proxy.library.nd.edu/10.4135/9781526421036885901> .The entry was externally reviewed before being accepted.

Moral-Benito, Enrique, Paul Allison & Richard Williams. 2018. "Dynamic panel data modelling using maximum likelihood: an alternative to Arellano-Bond." *Applied Economics*. Published online November 3, 2018. <https://doi.org/10.1080/00036846.2018.1540854>. Pre-publication version available at http://www3.nd.edu/~rwilliam/dynamic/Benito_Allison_Williams.pdf.

Williams, Richard, Paul D. Allison and Enrique Moral-Benito. 2018. "Linear Dynamic Panel-Data Estimation using Maximum Likelihood and Structural Equation Modeling." *The Stata Journal* 18(2), 293-326. <https://www.stata-journal.com/article.html?article=st0523>. Pre-publication version available at <http://www3.nd.edu/~rwilliam/dynamic/SJPaper.pdf>.

- Allison, Paul, Richard Williams and Enrique Moral-Benito. 2017. "Maximum Likelihood for Cross-lagged Panel Models with Fixed Effects." *Socius* 3, 1-17.
<http://journals.sagepub.com/doi/abs/10.1177/2378023117710578>.
- Bornman, Lutz and Richard Williams. 2017. "Can the journal impact factor be used as a criterion for the selection of junior researchers? A large-scale empirical study based on ResearcherID data." *Journal of Informetrics* 11(3), 788-799.
<https://doi.org/10.1016/j.joi.2017.06.001>.
- Williams, Richard & Lutz Bornmann. 2016. "Sampling Issues in Bibliometric Analysis." *Journal of Informetrics* 10(4), 1225-1232. <http://dx.doi.org/10.1016/j.joi.2015.11.004>.
- Williams, Richard & Lutz Bornmann. 2016. "Sampling Issues in Bibliometric Analysis: Response to Discussants." *Journal of Informetrics* 10(4), 1253-1257.
<http://dx.doi.org/10.1016/j.joi.2016.09.013>.
- Williams, Richard. 2016. "Understanding and Interpreting Generalized Ordered Logit Models." *Journal of Mathematical Sociology* 40(1), 7-20.
<http://dx.doi.org/10.1080/0022250X.2015.1112384>.
- Williams, Richard & Lutz Bornmann. 2014. "The substantive and practical significance of citation impact differences between institutions: Guidelines for the analysis of percentiles using effect sizes and confidence intervals." In Ying Ding, Ronald Rousseau, & Dietmar Wolfram (Eds.) *Measuring Scholarly Impact: Methods and Practice* (pp. 259-284). New York: Springer. http://dx.doi.org/10.1007/978-3-319-10377-8_12
- Bornmann, Lutz, & Richard Williams. 2013. "How to calculate the practical significance of citation impact differences? An empirical example from evaluative institutional bibliometrics using adjusted predictions and marginal effects." *Journal of Informetrics* 7(2), 562-574. <http://dx.doi.org/10.1016/j.joi.2013.02.005> .
- Williams, Richard. 2012. "Using the margins command to estimate and interpret adjusted predictions and marginal effects." *The Stata Journal* 12(2):308-331. <http://www.stata-journal.com/article.html?article=st0260>.
- Winner, 2015 Stata Journal Editors' Prize.
- Williams, Richard. 2010. "Fitting Heterogeneous Choice Models with oglm." *The Stata Journal* 10(4):540-567. <http://www.stata-journal.com/article.html?article=st0208>.
- Williams, Richard. 2009. "Using Heterogeneous Choice Models To Compare Logit and Probit Coefficients Across Groups." *Sociological Methods and Research* 37(4):531-559.
<http://dx.doi.org/10.1177/0049124109335735> .
- Bond, Carolyn and Richard Williams. 2007. "Residential Segregation and the Transformation of Home Mortgage Lending." *Social Forces* 86(2):671-698.
<http://www.jstor.org/stable/20430758>.

Reprinted in Gallagher, Charles A. (Ed.) 2008. *Racism in Post-Race America: New Theories, New Directions*. Chapel Hill, NC: Social Forces Publishing. Pp. 197-212.

Williams, Richard. May 2006. "Alternative Assessments of GSE Performance, Influence and Impact." In December 2007 an edited version of this 83 page report was electronically published by the Department of Housing and Urban Development on its web site and is available at http://www.huduser.gov/portal/publications/polleg/altassessment_gse.html .

Williams, Richard. 2006. "Generalized Ordered Logit/ Partial Proportional Odds Models for Ordinal Dependent Variables." *The Stata Journal* 6(1):58-82. <http://www.stata-journal.com/article.html?article=st0097>.

Williams, Richard, Reynold Nesiba and Eileen McConnell. 2005. "The Changing Face of Inequality in Home Mortgage Lending." *Social Problems* 52(2): 181-208. <http://dx.doi.org/10.1525/sp.2005.52.2.181> .

Williams, Richard, Eileen McConnell and Reynold Nesiba. 2001. "The Effects of the GSEs, CRA, and Institutional Characteristics on Home Mortgage Lending to Underserved Markets." *Cityscape* V. 5 no 3: 9-106. <http://www.huduser.org/Periodicals/CITYSCPE/VOL5NUM3/williams.pdf> .

Williams, Richard and Reynold Nesiba. 1997. "Racial, economic and institutional differences in home mortgage loans: St. Joseph County, Indiana." *Journal of Urban Affairs* 19: 73-103. <http://www3.nd.edu/~rwilliam/research/jua1997/jua1997.html>, <http://onlinelibrary.wiley.com/doi/10.1111/j.1467-9906.1997.tb00398.x/abstract>.

Hallinan, Maureen and Richard Williams. 1990. "Students' characteristics and the peer influence process: A nationwide study." *Sociology of Education* 63(2): 122-132. <http://dx.doi.org/10.2307/2112858> .

Hallinan, Maureen and Richard Williams (authorship shared equally). 1989. "Interracial friendship choices in secondary schools." *American Sociological Review* 54(1): 67-78. <http://www.jstor.org/stable/2095662>.

Hallinan, Maureen and Richard Williams. 1987. "The stability of students' interracial friendships." *American Sociological Review* 52(5): 653-664. <http://www.jstor.org/stable/2095601>.

Williams, Richard and Elizabeth Thomson. 1986. "Normalization issues in latent variable modeling." *Sociological Methods and Research* 15 (no. 1 and 2): 24-43. <http://dx.doi.org/10.1177/0049124186015001002>.

Shavit, Yossi and Richard Williams. 1985. "Ability grouping and contextual determinants of educational expectations in Israel." *American Sociological Review* 50(1): 62-73. <http://www.jstor.org/stable/2095340>.

- Williams, Richard and Elizabeth Thomson. 1985. "Can spouses be trusted? A look at husband/wife proxy reports." Demography 22(1):115-123. <http://www.jstor.org/stable/2060990>.
- Thomson, Elizabeth and Richard Williams. 1984. "A note on correlated error in wife-husband data." Journal of Marriage and the Family 46(3):643-649. <http://dx.doi.org/10.2307/352605>.
- Thomson, Elizabeth, Andrew R. Davidson, and Richard Williams. 1983. "Measurement models for the subjective expected utility of children." Journal of Applied Social Psychology 13(6): 528-542. <http://onlinelibrary.wiley.com/doi/10.1111/j.1559-1816.1983.tb02335.x/abstract>.
- Thomson, Elizabeth and Richard Williams. 1982. "Beyond wives' family sociology: A method for analyzing couple data." Journal of Marriage and the Family 44 (4): 999-1008. <http://doi.org/10.2307/351459>.
- H) UNREFEREED PUBLICATIONS**
- Williams, R. A. (2020). "Jasso, Guillermina." In P. Atkinson, S. Delamont, A. Cernat, J.W. Sakshaug, & R.A. Williams (Eds.), SAGE Research Methods Foundations. <https://www-doi-org.proxy.library.nd.edu/10.4135/9781526421036943585>
- Williams, R. A. (2020). "Ordinal Independent Variables." In P. Atkinson, S. Delamont, A. Cernat, J.W. Sakshaug, & R.A. Williams (Eds.), SAGE Research Methods Foundations. <https://www-doi-org.proxy.library.nd.edu/10.4135/9781526421036938055>
- Jorgensen, A., & Williams, R. A. (2020). "Goodness-of-Fit Measures." In P. Atkinson, S. Delamont, A. Cernat, J.W. Sakshaug, & R.A. Williams (Eds.), SAGE Research Methods Foundations. <https://www-doi-org.proxy.library.nd.edu/10.4135/9781526421036946001>
- Kawentel, L. M., & Williams, R. (2020). "Effect Size." In P. Atkinson, S. Delamont, A. Cernat, J.W. Sakshaug, & R.A. Williams (Eds.), SAGE Research Methods Foundations. <https://www-doi-org.proxy.library.nd.edu/10.4135/9781526421036930207>
- Stoltz, D. S., & Williams, R. A. (2020). "Marginal Effects and Adjusted Predictions." In P. Atkinson, S. Delamont, A. Cernat, J.W. Sakshaug, & R.A. Williams (Eds.), SAGE Research Methods Foundations. <https://www-doi-org.proxy.library.nd.edu/10.4135/9781526421036939917>
- Bornman, Lutz and Richard Williams. 2017. "Can the journal impact factor be used as a criterion for the selection of junior researchers: A Rejoinder on a comment by Peters." Journal of Informetrics 11(4), 945-947. <http://dx.doi.org/10.1016/j.joi.2017.08.005>.
- Williams, Richard. 2009. "One Stroke of the Pen: The 47 Year Struggle to End Racial Discrimination in Housing." Brief report prepared at the request of the Council for

Contemporary Families. <https://contemporaryfamilies.org/one-stroke-pen-47-year-struggle-end-racial-discrimination-housing/>.

Williams, Richard. 2007. "Stata Tip 46: Step We Gaily, On We Go." *The Stata Journal* 7(2):272-274. (Invited by Editor.) <http://www.stata-journal.com/article.html?article=dm0032>.

Williams, Richard. 2005. "The Sociology of Teaching Graduate Statistics: Another Perspective. A Response to "The Sociology of Teaching Graduate Statistics." *Teaching Sociology* 33 no 3: 277-279. (Comment invited by Editor).
<http://journals.sagepub.com/doi/abs/10.1177/0092055X0503300306>

Williams, Richard and Elizabeth Thomson. 1986. "Problems needing solutions or solutions needing problems? Final thoughts on the normalization controversy." *Sociological Methods and Research* 15 (no. 1 and 2): 64-68. (Invited by the Editor as a response to the comments on the other paper of ours published in that same issue.)
<http://journals.sagepub.com.proxy.library.nd.edu/doi/pdf/10.1177/0049124186015001006>

I) OTHER PUBLICATIONS

Reports

Note: the three HUD Reports listed below were all funded with grants from HUD and underwent intensive internal and external review there. Each is the length of a short monograph.

Miller, Brian, Richard Williams and Judy Fox. November 2008. "Foreclosures in St. Joseph County, Indiana, 2001-2007." Report prepared for the City of South Bend and funded by a Ganey Research Grant.

Williams, Richard. May 2006. "Alternative Assessments of GSE Performance, Influence and Impact." Report prepared for the Department of Housing and Urban Development. Available on the World Wide Web at <http://www3.nd.edu/~rwilliam/research/hud2006/hud2006.html> . As noted in the publications section, a modified version of this report was published by HUD on its web site at http://www.huduser.gov/portal/publications/polleg/altassessment_gse.html.

Williams, Richard and Carolyn Bond. November 2002. "Are the GSEs Leading, and If So Do They Have Any Followers? An Analysis of the GSEs' Impact on Home Purchase Lending to Underserved Markets During the 1990s." Report prepared for the Department of Housing and Urban Development. Available on the World Wide Web at <http://www3.nd.edu/~rwilliam/research/hud2002/hud2002.html>.

Williams, Richard. December 1999. "The Effect of GSEs, CRA, and Institutional Characteristics on Home Mortgage Lending to Underserved Markets." Report prepared for the Department of Housing and Urban Development. The complete 102 page report is available on the World Wide Web at <https://www3.nd.edu/~rwilliam/research/hud1999/hud1999.html>. As noted elsewhere, a modified version of this report was published in *Cityscape*.

Williams, Richard and Reynold Nesiba. 1993. "Poverty in our midst: An Economic, Social and Demographic Profile of the Near Northwest Neighborhood's Census Tract Number Six." Study conducted for South Bend's Near Northwest Neighborhood Association.

Book Reviews

Acock, Alan. Discovering Structural Equation Modeling Using Stata, Revised Edition. In The Stata Journal Vol. 15, no. 1, 2015, pp. 309-315. <http://www.stata-journal.com/article.html?article=gn0064>.

Immergluck, Dan. Foreclosed: High-Risk Lending, Deregulation, and the Undermining of America's Mortgage Market. In City & Community Vol. 11, no. 3, September 2012, pp. 336-337.

Long, J. Scott and Jeremy Freese. Regression Models for Categorical Dependent Variables Using Stata, Second Edition. In The Stata Journal Vol. 6, no. 2, 2006, pp. 273-278.

Hamilton, Lawrence C. Statistics with Stata (Updated for Version 8). In The Stata Journal, Vol. 4, no. 2, 2004, pp. 216-219.

Margo J. Anderson and Stephen E. Fienberg, Who Counts? The Politics of Census-Taking in Contemporary America. In Contemporary Sociology Nov 2001, Vol. 30 Issue 6, pp. 604-605.

William G. Jacoby, Statistical Graphics for Visualizing Multivariate Data. In Contemporary Sociology Vol. 28, no. 5, 1999, pp. 633-634.

Leslie A. Hayduk, LISREL Issues, Debates and Strategies. In Contemporary Sociology Vol. 26, no. 3, 1997, pp. 394-395.

Peter Cuttance and Russell Ecob (Editors), Structural Modeling by Example: Applications in Educational, Sociological, and Behavioral Research. In Contemporary Sociology Vol. 18, no. 5, 1989, pp. 834-836.

Frank F. Furstenberg, Jr., J. Brooks-Gunn, and S. Philip Morgan, Adolescent Mothers in Later Life. In Contemporary Sociology Vol. 17, no. 5, 1988, pp. 696-697.

Selected Works in Progress

Williams, Richard and Lutz Bornmann. "Panel Data and Multilevel Analyses of Academic Publishing Success." (In progress; a Powerpoint presentation on the early work is available at <https://www3.nd.edu/~rwilliam/Taiwan2018/Taiwan.pdf>).

Williams, Richard. "Adjusted Predictions and Marginal Effects." Stata Press has asked me to prepare a short monograph in the next year to two years. Several items that will probably be incorporated into the book can be found in the "Interpreting Results" section of <https://www3.nd.edu/~rwilliam/stats3/index.html>.

J) INVITED LECTURES AND ADDRESSES

Keynote Speaker, Institute for Political Methodology (Taiwan), July 16, 2018. "Panel Data and Multilevel Analyses of Academic Publishing Success." Also taught a mini-course on "Panel Data and Multilevel Models for Categorical Outcomes" on July 17 & 18, 2018.

Hesburgh Alumni Speaker, Notre Dame Alumni Club of Indianapolis, November 21, 2013. "The Census and the American Community Survey: Challenges and Controversies."

Invited Speaker, University of Kansas. September 22-23, 2011. "Comparing Logit and Probit Coefficients between Models and Across Groups," "Using Stata's Margins Command to Estimate and Interpret Adjusted Predictions and Marginal Effects" and "The Changing Faces of Inequality in Home Mortgage Lending." Talks were sponsored by KU's Center for Research Methods and Data Analysis and the Department of Sociology.

Hesburgh Alumni Speaker, Notre Dame Alumni Club of Sioux Falls, South Dakota, November 5, 2009. "One Stroke of the Pen: Racial, Economic and Institutional Disparities in Home Mortgage Lending."

Invited Speaker, University of Illinois-Chicago Epidemiology and Biostatistics Division Seminar, October 2, 2009. "Ordinal regression models: Problems, Solutions, and Problems with Making Sense of the Solutions."

Keynote Speaker, German Stata Users Group, Berlin, June 27, 2008. "Ordinal regression models: Problems, solutions, and problems with the solutions."

Guest Speaker, Department of Housing and Urban Development, May 17, 2006.

Presented on "The changing face of inequality in home mortgage lending" for the South Bend Community Forum for Economic Development, Nov. 21, 2006.

Invited Discussant, American Enterprise Institute Conference entitled *Are Fannie Mae and Freddie Mac Meeting Their Obligations to Promote Minority and Low-Income Home Ownership?* Washington D.C., June 9, 2003.

Guest Speaker, George Washington University Conference on the Government Sponsored Enterprises, sponsored by America's Community Bankers, October 4, 2002.

Guest Speaker, Department of Housing and Urban Development, September 24, 2002.

Guest Speaker, Department of Housing and Urban Development, December 3, 1998.

Presented at forums on community home mortgage lending organized by South Bend Heritage Foundation and Neighborhood Housing Services, Fall 1997.

K) GRANTS AND SPONSORED PROGRAMS

"Foreclosed and Abandoned Homes in South Bend: A Search for Causes and Solutions." Proposal co-authored with Judith Fox (Notre Dame Law School) and Jeff Vitton (City of South Bend). Study funded by a Ganey Collaborative Community-Based Research Mini-Grant, Notre Dame Center for Social Concerns, May 2007. \$6,000. Co-Principal Investigator.

"Alternative Assessments of GSE Performance, Influence, and Impact." Study funded by the Department of Housing and Urban Development, October 2004-May 2006. \$40,000. Principal Investigator.

“The Effect of Racial, Economic, and Institutional Characteristics on Home Mortgage Lending to Underserved Markets.” Study funded by the National Science Foundation, August 2001-July 2004. \$114,450. Principal Investigator.

“Are the GSEs Leading, and If So Do They Have Any Followers? An Analysis of the GSEs’ Impact on Home Purchase Lending to Underserved Markets During the 1990s.” Study funded by the Department of Housing and Urban Development, June 2001-November 2002. \$39,999. Principal Investigator.

“The Effect of GSEs, CRA, and Institutional Characteristics on Home Mortgage Lending to Underserved Markets.” Study funded by the Department of Housing and Urban Development, September 1997-July 1999. \$39,986. Principal Investigator.

“Fertility attitude-behavior consistency.” Funded by the National Science Foundation, June 1990-May 1993, Grant # SES-8921697. Direct costs awarded: \$48,911. Principal Investigator.

“Racial Differences in Fertility Attitudes and Behaviors.” Research Stipend for Tenured Faculty, Notre Dame Institute for Scholarship in the Liberal Arts, Summer 1992. \$3,000. Principal Investigator.

“Fertility Attitudes and Behaviors.” Research Stipend for Junior Faculty, Notre Dame Institute for Scholarship in the Liberal Arts, Summer 1987. \$2,500. Principal Investigator.

The above grants total almost \$300,000, with \$240,000 of that coming since 1997 for home mortgage related research.

L) MASTER'S THESES DIRECTED

Sun, June. 2011. Racial Barriers to Father Involvement in Fragile Families.

Miller, Brian. 2006. Redeveloping the Cabrini-Green Housing Project: A Sociological Perspective, 1989-2004. Master’s Thesis, University of Notre Dame.

Wang, Xiao-Qing. 1999. Family structure and Asian and Asian-American students' mathematics achievement. Master’s Thesis, University of Notre Dame.

Petersen, Christine Renee. 1998. Social reactions toward persons seeking treatment for a mental illness. Master’s Thesis, University of Notre Dame.

Baranda, María. 1996. Family-school partnership : A case study comparison of Chile and the United States. Master’s Thesis, University of Notre Dame.

Caniglia, Beth Schaefer. 1996. Classifying proenvironmental behaviors and revisiting their link with ecological concern. Master’s Thesis, University of Notre Dame. [Won the best student paper award from the Environment and Technology section of ASA; nominated by Notre Dame for the Midwest Association of Graduate Schools Distinguished Master’s thesis award.]

Xu, Yili. 1994. A study of abortion attitudes as the components of an attitudinal system and as unobservable concepts. Master's Thesis, University of Notre Dame.

Shen, Rui. 1994. Women's intended first birth timing and perceived costs and benefits of childbearing. Master's thesis, University of Notre Dame.

- Hart, Julianne Putnam. 1993. Evidence of a U.S. environmental paradigm shift, 1948-1992. Master's Thesis, University of Notre Dame.
- Zhang, Ruihong. 1993. Religious involvement and attitudes toward abortion. Master's Thesis, University of Notre Dame.
- Yang, Ming. 1993. Life satisfaction and social integration. Master's Thesis, University of Notre Dame.
- Liu, Min. 1993. Family size and status attainment. Master's Thesis, University of Notre Dame.
- Ma, Kui. 1992. Parent-child relationships and juvenile delinquency : A functional analysis. Master's Thesis, University of Notre Dame.
- Riley, Lisa Ann. 1992. Athletic participation and substance use: A social learning theory analysis. Master's Thesis, University of Notre Dame.
- O'Donnell, Patricia A. 1992. Child abuse and violent crime: A social learning theory analysis. Master's Thesis, University of Notre Dame.

M) DISSERTATIONS DIRECTED

- Miller, Brian. 2009. Suburban Growth, Adaptation, and Interaction: The Maturation of Three Chicago Railroad Suburbs. Doctoral Dissertation, University of Notre Dame.
- Arnett, Stephanie. 2007. National Variation in the Effects of Socioeconomic Status on Student Learning: Inequality and Stratification in Comparative Perspective. Doctoral Dissertation, University of Notre Dame. (Co-directed with William Carbonaro.)
- Bond, Carolyn. 2004. Does increasing black homeownership decrease residential segregation? Doctoral Dissertation, University of Notre Dame.
- Liu, Min. 2001. Fertility Transition of Asian and Hispanic Immigrant Women In The United States: Generation, Culture, and Social Mobility. Doctoral Dissertation, University of Notre Dame.
- Kominkiewicz, Frances. 2000. An organizational analysis of sibling abuse policy implementation. Doctoral Dissertation, University of Notre Dame.
- Riley, Lisa Ann. 1996. Child Care Satisfaction: Antecedents and Consequences. Doctoral Dissertation, University of Notre Dame.
- Hart, Julianne Putnam. 1994. The impact of a peer mediation program on an elementary school environment. Doctoral Dissertation, University of Notre Dame.
- O'Donnell, Patricia A. 1994. The role of risky lifestyle and gender in criminal victimization: Perpetrator/victim comparisons. Doctoral Dissertation, University of Notre Dame.
- Hall, Melvin Foster. 1992. Organized to act : Poor people's social movement organizations and collective action. Doctoral Dissertation, University of Notre Dame. [Revised version published as Poor People's Social Movement Organizations: The Goal is to Win, Praeger Press, 1995]

N) OTHER CONTRIBUTIONS

Contributions to the Research and Teaching of Others

I offer several items through my web pages and the Statistical Software Components (SSC) archive at Boston College that have been widely used by others. Notre Dame's Office of Informational Technology tells me I have one of the most popular personal web pages in the university, with nearly 5 million page views between March 2015 and March 2017. The materials I offer include:

Author of the Stata programs `xtdpdml` (Dynamic Panel Data Models using Maximum Likelihood), `gologit2` (generalized ordered logit models), `oglm` (ordinal generalized linear models), `mfx2` (simplified estimation and table formatting of marginal effects), and `pcorr2` (partial and semipartial correlations). These programs are freely available to all users of Stata. I also maintain support pages for the programs at <https://www3.nd.edu/~rwilliam/dynamic/index.html>, <http://www3.nd.edu/~rwilliam/gologit2/index.html>, and <http://www3.nd.edu/~rwilliam/oglm/index.html> .

Author, Stata Highlights Page, <https://www3.nd.edu/~rwilliam/stats/StataHighlights.html>. The handouts on this page show how several basic and advanced statistical techniques can be estimated with Stata. I set this page up after Stata Corporation asked if it could link to my notes on Stata, which at that point were scattered across different locations and mixed in with other notes.

Course notes for Graduate Statistics I (<http://www3.nd.edu/~rwilliam/stats1/index.html>), Graduate Statistics II (<http://www3.nd.edu/~rwilliam/stats2/index.html>) and Categorical Data Analysis (<http://www3.nd.edu/~rwilliam/stats3/index.html>).

Committee and Administrative Work

Member, Notre Dame Academic Council, Fall 2020 – present.

Member, Sociology Underrgraduate Studies Committee, Spring 2020 - present.

Member, Sociology Graduate Studies Committee, Fall 2019.

Member, Sociology Full Professors Committee, Fall 2019 – present. Duties include reviewing cases for promotion to full professor.

Member, CSSR (Center for Social Science Research) Faculty Advisory Committee, Fall 2019 – present. I also served on the search committee for a new CSSR Director in Spring 2019.

Co-Organizer, guest talks by Chuck Huber from StataCorp, September 18, 2019.

Member, Committee on Promotions for Associate Professional Specialists, September 2006-May 2012, September 2015-May 2018.

Member of CUSE (Center for Undergraduate Scholarly Engagement) panels interviewing and advising undergraduate applicants for Fulbright teaching and study abroad programs, September 2017.

Advisor/Supervisor for Caroline Brooks, Notre Dame Computational Social Science REU program, summer 2017.

External Reviewer for Tenure and/or Promotion Cases at other Universities, 2003, 2007, 2008, 2015, 2016.

Member, Eddy Street Commons Phase II Planning Committee, November 2014 – 2016.

Member, Provost's Blue Ribbon Committee for the Analysis of the Faculty Survey, 2013-2014.

Vice-President, Faculty Senate, May 2015-May 2016. Member, May 1996-May 1999, May 2002-May 2005, May 2009-2016, May 2017-Present.

Faculty Senate representative on the Campus Life Council, Sept. 2002-May 2005, September 2012-May 2014.

Chair, Faculty Grievance Committee, 2012-2013 Academic Year. Member, 2013-2014.

Member, Ad Hoc Advisory Committee to Notre Dame's new Department of Statistics, 2010-2011.

Member, Provost's Ad Hoc Committee on Statistics at Notre Dame, 2006-2008.

Member, Departmental Committee on Appointments and Promotions, September 1991-August 1993, September 2001-August 2003, September 2007-May 2009, January 2010-May 2010. Alternate, 2006-2007, Fall 2009, 2012-2013, 2014-2015.

Member, University Committee on the Protection of Human Subjects, January 2007-May 2010, September 1991-May 1993; Chair, September 1992-May 1993.

Sociology Department Webmaster, 1995-2009.

Member, University Committee on Intellectual Property, 2007-2010.

Chair, Department of Sociology, August 1994 – August 2000.

Director of Graduate Studies, Department of Sociology, September 1992-August 1994.

Member, University Subcommittee and Task Force on Child Care, 1992-1993.

Mentor, CANDAX Program, Summer 1992, Summer 1993, Summer 1994, Summer 1995.

Mentor, PMEGS Program, Summer 1991.

Member, Faculty Search Committee, 1988-1989, 1990-1991.

Member, College of Art and Letters Computing Committee (CALCC), 1989-1993.

Member, Departmental Committee for Undergraduate Studies, 1989-1992.

Community Service Activities

Member, Board of Directors, Early Childhood Development Center, January 1998-January 2019. Board Member Emeritus, February 2019-present. President, November 2009 – November 2015. Vice President, Nov. 2003 – Nov. 2009. Treasurer, December 2015-January 2019.

Research consultant for CASH PLUS, a community organization investigating bank lending practices in St. Joseph County, Indiana, early 1990s.

Research consultant for South Bend's Near Northwest Neighborhood Association, a community organization concerned with the revitalization of the poverty stricken areas in South Bend's near northwest side, 1993.