

VITA

Name: Lucky M. Tedrow

Academic Preparation:

Undergraduate: Western Washington State College, Bellingham, Washington. (Sociology: Major; Math/CS Minor), 1970-1973.

Graduate: Western Washington University, Bellingham, Washington. (Sociology-Demography), 1973-1976. University of Washington, Seattle, Washington. (Sociology), 1978-1987.

Degrees:

Bachelor of Science, Sociology, Western Washington State College (1973).

Master of Arts, Sociology, Western Washington University (1976).

Professional Experience:

Director, International Association of Applied Demographers (IAAD). 2018 to date.

Research Associate, Department of Sociology, Western Washington University, 2018 to date.

Director, Demographic Research Laboratory, Department of Sociology, Western Washington University, 1977 to 2018.

Director, Center for Social Science Instruction, Department of Sociology, Western Washington University, 1998 to 2018.

Visiting Research Scientist, Population Research Center, The University of Texas at Austin, Summer, 1987. Installed, documented and tested demographic software for the Population Research Center.

Deputy Editor, *Population Research and Policy Review*, 2011-

International Institute for Applied Systems Analysis and the American Academy of Arts & Sciences invitation to participate in the Young Scientists Summer Program in Laxenburg, Austria, June 17 to September 6, 1985. Travel award by the American Academy of Arts & Sciences and stipend provided by IIASA.

Professional Associate, Fourteenth Summer Seminar in Population, East-West Population Institute, East-West Center, Honolulu, Hawaii, Summer, 1983.

Professional Associate, Fourteenth Summer Seminar in Population, Malaysian Field Trip Seminar, Kuala Lumpur, Malaysia, June 25-July 2, 1983.

Research Scientist, Center for Studies in Demography and Ecology, University of Washington, 1981-1983 (20% time). (Thomas Pullum, PI, NICHD).

Research Scientist Visiting Australian National University, Department of Demography, Research School for the Social Sciences, April/May 1983. Canberra, Australia, ACT.

Demography Intern, Population Studies Division, Office of Financial Management. State of Washington, Olympia, Washington, Summer, 1976.

Research Associate, Demographic Research Laboratory, Department of Sociology, Western Washington University, 1975-1976.

Graduate Research/Teaching Assistantship, Department of Sociology, Western Washington University, 1973-1975.

Teaching Experience:

Undergraduate Courses:

Computer Applications for Social Science Data
Introduction to Applied Demography
Demographic Analysis
Special Topics in Demography-Capstone
Longitudinal Data Analysis Seminar.

Graduate Courses:

Computer Applications for Social Science Data
Demography Seminar

Special Topics Seminars:

Population Estimates and Historical Demography-Whatcom County Manuscript Census Records.

Additional Contributions to Instruction and Teaching.

ICPSR Official Representative for Western until 2018.

Participant/Presenter at the American Sociological Association's Capstone Conference on "Addressing the Quantitative Literacy Gap in Undergraduate Sociology." June, 2004 Washington, DC.

WWU Project Coordinator: IDA PROJECT: Two-year American Sociological Association - NSF funded curricular innovation. Western's Sociology department was selected as one of six departments nationally to implement IDA modules during year one of the project.

Grants:

Eunice Kennedy Shriver National Institute of Child Health & Human Development. Co-Principal Investigator. "Military Service and Troubled Behaviors". Grant Number: 1R15HD069958-01A1 (07/01/2012 – 06/30/2015) \$265,000.

National Science Foundation. Co-Principal Investigator. "Impact of Military Service on Health." (7/1/09-6/30/12) \$74,785.

National Science Foundation. Co-Principal Investigator. "Military Service and Patterns of Marriage, Cohabitation, and Union Dissolution." (7/1/07-6/30/09) \$58,000.

National Institute on Aging. Co-Principal Investigator. "Stimulating Undergraduate Interdisciplinary Research in Population and Health." (10/1/06-9/30/08) \$125,000.

National Science Foundation. Co-Principal Investigator. "Life Course Consequences of Military Service." (9/1/02-8/31/05) \$50,000.

National Science Foundation. Principal Investigator. Research Experiences for Undergraduates. "Applied Demographic Research on Migration". REU-Site. 1999. NSF Award: SES-9876936. (\$51,954).

National Science Foundation. Principal Investigator. Research Experiences for Undergraduates. Principal Investigator, "Applied Demographic Research on Migration". REU-Site. 1994. NSF Award: SBR-9400194. This award includes additional funding for a successful 'Ethics Component' proposal.

National Science Foundation. Principal Investigator. "Applied Demographic Research on Migration". National Science Foundation Research Experiences for Undergraduates. REU-Site. 1992. NSF Award: SES-9200189.

National Science Foundation: ILI Review Panel Committee, January-February, 1992. Washington, D.C. Proposal reviewer for the National Science Foundation for the Instrumentation and Laboratory Improvement grants.

National Science Foundation. Principal Investigator. "Applied Demographic Research on Migration". National Science Foundation Research Experiences for Undergraduates. REU-Site. 1991. NSF Award: BBS-9100996.

National Science Foundation. Principal Investigator. "ILI: Computer Enhancement for Teaching Undergraduate Demography". Instructional Laboratory Improvement. 1990. NSF Award: USE-9050904.

Project Coordinator, "Macintosh Enhancement for Teaching Undergraduate Demography". Apple Computer, Inc. 1990-1992. Higher Education Academic Development Donation Grant.

National Science Foundation. Principal Investigator. "Applied Demographic Research on Migration". National Science Foundation Research Experiences for Undergraduates. REU-Site. 1989. NSF Award: DIR-8900711.

National Science Foundation. Principal Investigator. "Applied Demographic Research on Migration". Research Experiences for Undergraduates. REU-Site. 1988. NSF Award: BBS-880505-1.

Research Accomplishments:

BOOK:

2017. **Cohort Change Ratios and Their Applications.** (with Jack Baker, David Swanson and Jeff Tayman. Springer B.V. Press. Dordrecht, Heidelberg, London, and New York.

BOOK CHAPTERS:

- (2018) "A Bio-demographic Perspective on Inequality and Life Expectancy: An Analysis of 159 Countries for the Periods 1970-90 and 1990-2010." (C.R. Rao and A. Rao (eds), *Integrated Population Biology and Modeling*, Handbook of Statistics, Vol. 38. Chapter 14:577-613. Elsevier Press (with David Swanson).
- 2017 "Veterans' Families." Pp. 339-362 in L. Hicks, E. Weiss, and J. Coll. *The Civilian Lives of U.S. Veterans*. New York: Praeger. (with Stode-Elfant, P. Hemez, and J. Teachman).
2016. "Exploring Stable Population Concepts from the Perspective of Cohort Change Ratios: Estimating the Time to Stability and Intrinsic r from Initial Information and Components of Change." in R. Schoen (ed.). *Dynamic Demographic Analysis*. Springer B.V. Press. Dordrecht, Heidelberg, London, and New York. (with D. Swanson and J. Baker).
2016. "Blended Families". In The Wiley Blackwell *Encyclopedia of Sociology*, 2nd Edition. (with P. Hemez and J. Teachman).. <https://doi.org/10.1002/9781405165518.wbeos0705>
2014. "Demographic Changes: Age at First Marriage." Pp. 333-335 in L. Ganong, M. Coleman, and J. Golson. *The Social History of the American Family*. (with J. Teachman and C. Anderson).
2013. "Demography of the Family." In G. Peterson and K. Bush, *Handbook of Marriage and the Family*. New York. Springer. (with J. Teachman and G. Kim).
2008. "The Demography of Stepfamilies in the United States." Pp. 3-29 in J. Pryor (ed.), *International Handbook of Stepfamilies: Policy and Practice in Legal, Research, and Clinical Spheres*. New York: John Wiley and Sons. (with J. Teachman).
2005. "Future Demographic Trends in Divorce." Pp. 59-82 in M. Fine and J. Harvey (eds.), *Handbook of Divorce and Relationship Dissolution*. New York: Lawrence Erlbaum. (with J. Teachman and M. Hall).
2001. "West Indians and the Residential Landscape of New York City" in Nancy Foner (ed.) *West Indian Migration to New York: Historical, Comparative, and Transnational Perspectives*. Berkeley, CA: University of California Press. (with K. Crowder).

JOURNAL ARTICLES:

2020. "An Alternative Method for Estimating Variance in Age at Death for a Life Table." *Canadian Studies in Population*. (forthcoming, with D. Swanson).
2020. "Estimating Working Life Expectancy from Cohort Change Ratios: An Example using Major League Pitchers." *Casualty Actuarial Society E-Forum* (forthcoming with J. Baker, J. Tayman and D. Swanson).
2020. "On mathematical equalities and inequalities in the life table: Something old and something new." *Canadian Studies in Population*. (forthcoming, with D. Swanson).
2016. "Altering the Life Course: Military Service and Contact with the Criminal Justice System." *Social Science Research* 60:74-87. (with J. Teachman)

2015. "The Relationship between Military Service and Childbearing for Men and Women." *Sociological Perspectives* 58:595-608 (with J. Teachman and C. Anderson).
2015. "Military Service and Alcohol Use in the United States." *Armed Forces & Society* 41:460-476. (with J. Teachman and C. Anderson).
2014. "Delinquent Behavior, the Transition to Adulthood, and the Likelihood of Military Enlistment." *Social Science Research* 45:46-55. (with J. Teachman).
<http://dx.doi.org/10.1016/j.ssresearch.2013.12.012>
2013. "Exploring Stable Population Concepts from the Perspective of Cohort Change Ratios." *The Open Demography Journal* (2013)(6) (with D. Swanson).
2013. "Veteran Status and Body Weight: A Longitudinal Fixed-Effects Approach." *Population Research and Policy Review* 32:199-220. (with J. Teachman).
2012. "Using Cohort Change Ratios to Estimate Life Expectancy in Populations with Negligible Migration: A New Approach." *Canadian Studies in Population* 39: 83-90. (with D. Swanson).
2011. "Using Cohort Change Ratios to Estimate Life Expectancy in Populations Closed to Migration: A New Approach." *Actuarial Research Clearing House Newsletter* 2011.1 (with D. Swanson). (available online at <http://www.soa.org/library/proceedings/arch/2011/arch-2011-iss1.aspx>)
2008. "Divorce, Race, and Military Service: More than Equal Pay and Equal Opportunity." *Journal of Marriage and Family* 70:1030-1044. (with J. Teachman)
2007. "Joining Up: Did Military Service in the Early All Volunteer Era Affect Subsequent Civilian Income?" *Social Science Research* 36:1447-1474. (with J. Teachman).
2004. "Wages, Earnings, and Occupational Status: Did World War II Veterans Receive a Premium?" *Social Science Research* 33:581-605. (with J. Teachman).
2000. "The Changing Demography of America's Families." *Journal of Marriage and the Family* 62:1234-1246. (with J. Teachman and K. Crowder).
2000. "Birth Intervals and Early Childhood Mortality in a Migrating Mennonite Community." January/February. *American Journal of Human Biology* 12:50-63. (with D. St. George, J. Stevenson, P. Everson.)
1996. "What is Applied Demography?" *Population Research and Policy Review* 15:403-418. (with D. Swanson and T. Burch).
1995. "Sterilization among Currently Married Men in the United States, 1991." *Family Planning Perspectives* 27:100-107. (with R. Forste, K. Tanfer).
1990. "Population Estimation Bibliography." Pp. 41-55 in "State and Local Agencies Preparing Population and Housing Estimates." *Current Population Reports* P-25, No. 1063. U.S. Bureau of the Census. (with D.Swanson).

1989. "Measuring Change and Continuity in Parity Distributions." *Demography* 26 (November):485-498. (T. Pullum and J. Herting).
1984. "Improving the Measurement of Temporal Change in Regression Models Used for County Population Estimates." *Demography* 21 (August): 373-382. (with D. Swanson).
1983. "A Technique for Summarizing Internal Migration in the United States: 1870-1960." Paper in Honor of Dorothy S. Thomas, Population Association of America.
1980. "Regional Population Density and County Size in Britain: A Note on the Problem of Tautology in Size-Density Relationships." *Geographical Analysis* 12 (April): 184-188. (with G. Stephan and D. Massey).
1979. "Trends in Attitudes Toward Abortion: 1972-1976." *Public Opinion Quarterly* 43:181-189. (with E. Mahoney).
1977. "A Theory of Time-Minimization; The Relationship Between Urban Area and Population." *Pacific Sociological Review*, 1977, 20 (Jan.):105-112. (with G. Stephan).
1976. "Economic Development and Fertility: A Methodological Reevaluation." *Population Studies* 1976. 30 (Nov.):429-437. (with D. Massey).
1974. "Tribal Territories in Africa: A Further Cross-Cultural Test of the Size-Density Hypothesis." *Pacific Sociological Review*, 1974, 17 (July):365-369. (with G. Stephan).

Non-refereed Articles and Proceedings:

2018. "Working Life Expectancy of Major League Pitchers and Forecasting the Number of them: Tasks made easy by using the Cohort Change Ratio Method. pp. 93-102 in 2018 Proceedings of the Social Statistics Section, American Statistical Association, Alexandria, VA (with D. Swanson, J. Baker, and J. Tayma
2016. "On Equalities and Inequalities in Stationary Populations." CAS E-Forum (Casualty Actuarial Society) (<http://www.casact.org/pubs/forum/16fforum/03-SwansonTedrow.pdf>). A copy of this paper is also published by the Actuarial Research Clearing House, Vol. 17.1, <https://www.soa.org/Library/Proceedings/Arch/2017/arch-2017-iss1.aspx> (with L. Tedrow).
- 1990 "Population Estimation Bibliography" pp. 41-52 in State And Local Agencies Preparing Population and Housing Estimates, Current Population Reports, Series P-25, No. 1063, U.S. Bureau of The Census, Washington, D.C. (with L. M. Tedrow).
- Food Stamp Work Registrants in the State of Washington: Secondary Data Analysis of Employment Security Food Stamp Program, October, 1986 and JTPA Participants for Program Year, 1985.* Monograph One, June 1987. (with J. Trimble and G. Cvetkovich). Prepared for Division of Income Assistance, Department of Social and Health Services, State of Washington.
- 1983 "Improving the Measurement of Temporal Change in Regression Models Used for County Population Estimates." in 1983 Proceedings of the Social Statistics Section, American Statistical Association, American Statistical Association Alexandria, Virginia, 1983 (with D. Swanson).

1982. *Executive Summary and Volume I Report on Vocational Classroom Training Outcomes Project*. (516 pages). A study to identify classroom vocational training policies and practices which produce successful program completion and employment among CETA enrollees in Washington State. Spring, (with C. Simpson, E. Mahoney and B. Smith)
1980. "Atlas Supplement to the 1972 County and City Data Book." Paper presented at SIGGRAPH '80, Seventh Annual Conference on Computer Graphics and Interactive Techniques. Paper was published in the *Proceedings of the ACM-SIGGRAPH Conference*. (with G. Hoerauf).
1976. "Comparison of Net Migration Estimates by the Census Forward Survival Method and the Life Table Average Survival Method: Washington 1960-1970." M.A. Thesis, Department of Sociology, Western Washington University.

Papers/Posters Presented at Professional Meetings/Colloquia/Workshops: (listed since 2010)

2018. "Working Life Expectancy of Major League Pitchers and Forecasting the Number of Them: Tasks Made Easy by Using the Cohort Change Ratio Method." On program for Joint Statistical Meetings, American Statistical Association, both oral and an e-poster presentation, Vancouver, BC., July 28-August 2nd. (with D. Swanson, J. Tayman, and J. Baker)
2018. "On Mathematical Equalities and Inequalities in the Life Table: Something Old and Something New." International Sociological Association meeting on Changing Demography- Changing Family. Singapore, 17-19 May. (with D. Swanson)
2017. "Forecasting Using Spatial Dependencies." Session 3C Demographic Models, Estimates and Projections. Annual Meeting of the Southern Demographic Association, Morgantown, WV October 25-27. (with J. Baker, D. Swanson and J. Tayman).
2017. Policy Implications: The Use of Demographic Data for Decision Making. Session Organizer and Chair. Annual meeting of the Population Association of America, Chicago, IL April 27-29.
2017. "Forecasting using Spatial Dependencies." Presented in the Population Forecasting 2 Session at the 9th International Conference on Population Geographies. Seattle, WA June 29-July 1st. (with D. Swanson, J. Baker and J. Tayman)
2017. "On Equality and Inequality in Stationary Populations." Presented at the Human Mortality Database Symposium. Berlin, Germany. May 22-23. (with D. Swanson)
2017. "The Top Ten Reasons to Use the Cohort Change Ratio Method" in Session IVb - Methods of Population Projections, *Population and Public Policy Conference*, Houston, Texas, January 6-8. (with D. Swanson).
2016. "Equality and Inequality in Stationary Populations." British Society for Population Studies meeting, University of Winchester, 12-14 September. (with D. Swanson)

2016. The Lingering Effects of Major Life Course Events: Veteran Status and Attitudes Toward Capital Punishment in the New Millennium.” Annual meeting of the Population Association of America, Washington, D.C. March 30-April 2.

2016. “On Equalities and Inequalities in Stationary Populations.” Presented at the 51st Actuarial Research Conference. Minneapolis/St. Paul, Minnesota, [CAS E-Forum](http://www.casact.org/pubs/forum/16fforum/03-SwansonTedrow.pdf) (Casualty Actuarial Society) (<http://www.casact.org/pubs/forum/16fforum/03-SwansonTedrow.pdf>). (with D. Swanson).

2015. “Altering the Life Course: Military Service and Desistence from Contact with the Criminal Justice System.” The 2015 Annual Meeting of the Population Association of America, San Diego, CA April 30-May 2, 2014. (Poster Presentation with J. Teachman).

2015. “Cohort Change Ratios: Estimating the Time to Stability and Intrinsic R from Initial Information and Components of Change.” The 2015 Annual Meeting of the Population Association of America, San Diego, CA April 30- May 2, 2014. (with D. Swanson).

2014. “Shedding Inventory, Gearing Up for Domestic Conflict, or Managing Post-Modern Police Imagery?: A Study of Purported Links Between U.S. Military Transfers and Emergent Developments in Domestic Policing. Annual Meeting of the Western Association of Criminal Justice, October 8, Reno, NV. (with R. Helms and S. Constanza).

2014. “A Note on the Relationship between Military Service and Alcohol Use.” The 2014 Annual Meeting of the Population Association of America, Boston, MA May 1-3, 2014. (Poster Presentation with J. Teachman and undergraduate C. Anderson).

2014. "Exploring Stable Population Concepts from the Perspective of Cohort Change Ratios: Estimating Time to Stability and Intrinsic r." In Session 6, Formal Demography. Annual Meeting of the Population Association of America, Boston, MA May 1-3. (with D. Swanson).

2014. A note on the relationship between military service and childbearing. Poster presented at the annual meeting of the Pacific Sociological Association, Portland, OR March (with J. Teachman, C. Anderson, P. Hemez, & J. Strode-Elfant).

2014 "Exploring Stable Population Concepts from the Perspective of Cohort Change Ratios: Estimating Time to Stability and Intrinsic r." Applied Demography Conference. San Antonio, TX January 8-10. (with D. Swanson).

2013. “Exploring Stable Population Concepts from the Perspective of Cohort Change Ratios.” Presented at the annual meeting of the Canadian Population Society. June 5-7, 2013, Victoria, BC (with D. Swanson).

2013. “Social Disengagement and Military Enlistment: A Discrete-Time Event History Analysis Using the NLSY97”. Presented at the annual meeting of the Population Association of America, New Orleans. April 11-13, 2013.

2012. “Using Cohort Change Ratios to Estimate Life Expectancy in Populations with Negligible Migration: A New Approach.” Poster Session P7-65. May 3-5, 2012. Population Association of America, San Francisco, CA. (with D. Swanson).

2011. "The Relationship between Veteran Status and Smoking" Poster presented at the annual meeting of the Population Association of America, Washington DC. March 31-April 2. (with undergraduate P. Pendergast).

2010. "Using Cohort Change Ratios to Estimate Life Expectancy in Populations Closed to Migration: A New Approach." British Society for Population Studies. Annual Conference, University of Exeter. September 13-15, 2010. (with D. Swanson).

2010. "Using Cohort Change Ratios to Estimate Life Expectancy in Populations Closed to Migration: A New Approach." 45th Actuarial Research Conference. Burnaby, British Columbia, July 26-28, 2010. (with D. Swanson).

Referee for Journals: Demography, State and Local Government Review, Population Research and Policy Review (Past Deputy Editor), Marriage and Family Review, Social Science Research.