

Participant (and successful completion of), "IBM OS JCL" and "WYLBUR," Washington State University, Olympia, Washington, 1979.

Participant (and successful completion of), "Zero-Based Budgeting," Washington Office of Financial Management, Olympia, Washington, 1978.

Participant, "Funding Public Higher Education," Washington Office of Financial Management-Washington Higher education Coordinating Board, Olympia, Washington, 1977.

Participant, "Didactic Seminar on Causal Modeling," American Sociological Association, San Francisco, California, August, 1976.

Participant (and successful completion of), "Swedish I," "Swedish II," and "Swedish III," Stockholm University, Stockholm, Sweden, 1973-74.

Participant, "1970 Census Products and Their Use," Hawaii Department of Administration, Honolulu, Hawaii, May, 1973.

Participant (and successful completion of), "Introduction to Basic Assembly Language (BAL) Programming," University of Hawaii, Honolulu, Hawaii, Spring, 1973.

## **VI. Research Projects and Grants**

### **A. Research Grants and Contracts Let and Administered**

"Survey of Food Consumption and Lifestyles," Nye and Lincoln counties, Nevada, (\$100,000). 1996-97, University of Nevada Las Vegas

"1984 Residential Energy Survey" (\$250,000). 1983-84, Walker Information, Inc.

"Cooperative Publication on Alaskan Native Demography" (\$4,000). 1984, Alaska Department of Labor.

"Chloropeth Computer Mapping" (\$3,500). 1983, Alaska Department of Labor.

"Public Opinion Survey", Washington State Board for Community College Education, (\$25,000). 1981 Gilmore Research Group.

"Revision to the Higher Education Enrollment Projection System (HEEPS)," (\$5,000), 1980, Washington State Office of Financial Management.

"Population Forecasting System" (\$30,000), 1980, Washington State Office of Financial Management.

### **B. Research Contracts Awarded**

Population Projections for Native Hawaiians. (\$16,078). Policy Analysis and System Evaluation, Kamehameha Schools, Honolulu, Hawaii. March, 2008 (Principal Investigator, McKibben Demographic Research).

Evaluation of methods used to estimate vacancy rates and average persons for households (\$25,000), U. S. Bureau of the Census, Summer 2007- Fall 2008.

Multi-Year Estimates, American Community Survey, (\$5,500). U. S. Bureau of the Census, Summer, 2007.

Evaluation of Methods used to Estimate the Size and Composition of the Foreign-Born Population (\$27,000). U.S. Bureau of the Census, September, 2006 (through Sabre Systems, Inc.), Spring 2007 - Fall 2007.

Enrollment Forecasting and Attendance Boundary Study. (\$12,000). Harrison County School District, Biloxi, MS., Fall, 2006. (Principal Investigator, J. McKibben).

Small Area Labor Force and Population Projections. (\$7,500). Southern Nevada Regional Planning Commission (Subcontract with Theodore Roosevelt Institute, Las Vegas, NV), Summer, 2006

Population Projections of the Chinese Population by Age and Sex for 22 Selected Counties. (\$1,500). Third Wave Research, Inc. Madison, Wisconsin. November 2004.

Population Projections for Native Hawaiians. (\$9,871.24). Policy Analysis and System Evaluation, Kamehameha Schools, Honolulu, Hawaii. May 2004.

Forecasting Headcount Enrollment at the Southaven Satellite Campus, (\$2,000). Office of Outreach and Continuing Education, University of Mississippi. December 2003.

Estimation and Forecasting of U.S. Lifestyle Segments, 2002 to 2012 (\$6,500), Third Wave Research, Inc., Madison, Wisconsin. October, 2002.

Review and Revision of Demographic Forecasts for Jubail, Saudi Arabia (\$20,000), Parsons Brinckerhoff, Inc., Jubail, Saudi Arabia, July, 1999.

Demographic Mentoring and Instruction (\$3,000), Western Washington University, Bellingham, Washington, 1999.

Washoe County Population Estimation System Development (\$24,900), Washoe County Nevada. 1999.

Redesign of the Nevada State Population Forecasting Model (\$12,000), Nevada Consulting Alliance/Nevada State Demographer's Office. 1998-99.

Census Enumerator, Crew Leader, and Supervisor Training, Neighborhood Census Project (\$2,500), Portland Multnomah Progress Board (funded by a grant from the Anne E. Casey Foundation), Portland, Oregon. 1997.

Evaluating Response Rates for the American Community Survey, Portland Test Site, (\$2,000) U.S. Bureau of the Census. 1997.

Estimating Household Income from Incomplete Data (\$25,000), Metromail, Inc. 1997.

Liberal Education Profile, Portland State University (\$70,000), Portland State University. 1997 (with D. Atkinson).

Forecasting Enrollment and Attendance Zone Changes for the Hillsboro 1J District (\$77,000), Hillsboro 1J School District, Oregon, 1995-1996 (with D. Lycan, G. Hough, and I. Sharkova).

Forecasting Enrollment for the Newberg School District (\$5,000), Newberg School District, Oregon, 1996.

Estimating and Forecasting U.S. Lifestyle Segments, 1990 to 2010 (\$5,000), Third Wave Research, Inc. (with T. Bryan and G. Hough)

Omnibus Contract for Income Surveys, Community Development Block Grants (\$18,000), Oregon Department of Economic Development, 1996.

Tribal Membership Forecast (\$1,400). The Confederated Tribes of the Grand Ronde Community of Oregon, 1995.

"Demographic Services" for Study included in ADAMNA Grant No. P50 MH48197-03, entitled "Center For Rural Mental Health Care Research" (\$7,198). University of Arkansas for Medical Sciences, 1992-93.

"Kitsap County Open Space Poll." Consultation and Training of a Volunteer Organization to conduct Polling in support of a proposed open-space Bond Issue, Kitsap County, Washington (\$3,000). Kitsap Citizens for Open Space, 1992.

"Pierce County Private Industry Council, Evaluation of Programs." (\$25,000). Pierce County Private Industry Council. 1991. (with J. Schiller and K. McDade).

Pierce County Solid Waste Management Survey: (\$12,000). Jacobsen Ray McLaughlin and Phillips, Inc., 1991.

"1991 Tacoma-Pierce County Quality of Life Survey." Module on Mental Health Issues (\$3,000). Greater Lakes Mental Health Foundation, 1991.

"Implementation of the REMI Socioeconomic Forecasting Model in support of the SAIC/YMPO socioeconomic monitoring program and SCA model development." (\$29,000). Science Applications International Corporation, Yucca Mountain Project Office. U.S. Department of Energy, 1991.

"1990 Tacoma-Pierce County Quality of Life Survey." Module on health Issues (\$6,000). Tacoma-Pierce County Health Department,.

1990. "Implementation of the REMI Socioeconomic Forecasting Model, in support of the SAIC/YMPO socioeconomic monitoring program and SCA model development." (\$38,000). Science Applications International Corporation, Yucca Mountain Project Office. U.S. Department of Energy, 1990.

"Review and Analysis of the Demographic Module of the EDFs-S REMI Module." (\$6,380). Science Applications International Corporation, Yucca, Mountain Project Office, U.S. Department of Energy, 1989-90.

"Small Area Model Development for the High Level Radioactive Waste Repository." (\$10,000). Battle Human Affairs Research Centers, 1989.

"1989 Tacoma-Pierce County Solid Waste Management Survey." module on hazardous and other household wastes (\$6,000). Pierce County Waste Management Division, Pierce County, Washington, 1989.

"Pierce County Solid Waste Management Survey." (\$17,000). Pierce County, Washington (Co-Investigator with J. Schiller), 1988.

1988 "Tacoma Area Quality of Life Survey," module on racial issues (\$2,000). Tacoma Urban League (Co-Investigator with J. Schiller), 1988.

"Evaluation of the Demographic Component of the HARC/REMI Economic Demographic Model (\$3,000). Battle Human Affairs Research Centers, 1988.

"Survey of Applied Demographers." (\$1,500). Population Association of America, 1986-87.

"Life Tables By Sex, 1980 and 1970 and Net Migration By Age and Sex, 1970-80 and 1960-70 For Ohio." (\$750). Final Report submitted to the Ohio Data User's Center, Department of Development, December, 1984.

"Technical Data Services." (\$2,500). Alaska Reapportionment Board, 1981. 1980 Census Computer Tape Acquisition and Evaluation" (\$3,000). Washington State Redistricting Board, 1979.

### **C. Research Grants Awarded**

"Virtual Co-laboratory for Policy Analysis in Greater L.A." (\$2,300,000). UC Multicampus Research Program and Initiatives, University of California. (Co-Investigator with Richard Arnott et al.). 2010-2014.

"Perceptions of Disaster Relief and Recovery: Analyzing the Importance of Social and Kinship Networks Among Hurricane Katrina Refugees on the Mississippi Gulf Coast." (\$96,212). National Science Foundation (Co-Principal Investigator with F. Forgette and M. Van Boening), 2005-6.

"Interdisciplinary Working Group to Develop a Strategy for the Development of an NICHD Population and Health Research center in Mississippi." (\$9,400). Office of Research and Sponsored Programs, University of Mississippi (Principal Investigator, with Co-Investigators, Fazlay Faruque and Peggy Hewlett). 2005-6.

"Applied Demographic Research in Migration" (\$40,000). National Science Foundation (Co-Director with L.M. Tedrow), 1991.

"Applied Demographic Research in Migration" (\$40,000). National Science Foundation (Co-Director with L.M. Tedrow), 1989.

"Applied Demographic Research in Migration" (\$40,000). National Science Foundation (Co-Director with L.M. Tedrow), 1988.

"VCR Survey" (\$1,500). Kaltenborn Foundation (with B. Klopfenstein), 1987.

VCR Survey" (\$5,000). National Association of Broadcasters (with B. Klopfenstein), 1987.

"Pilot Survey of VCR Use" (\$1,500). Kaltenborn Foundation, 1986.

"Pilot Survey of VCR Use" (\$2,730). Bowling Green State University, 1986.

"Socioeconomic Correlates of Infant Mortality: Ohio, 1980" (\$90,000). U.S. Department of Health and Human Services. (Co-principal Investigator with E.G. Stockwell and J. Wicks), 1985-86.

### **D. Program Grants Awarded**

"Transition Funding for the BScBA Degree Conversion, Phase II (\$100,000), European Union Objective 1 Program (with V-P. Heiskanen). 2002

"Transition funding for the BScBA Degree Conversion, Phase I (\$200,000), European Union Objective 1 Program (with V-P. Heiskanen), 2001

"BBA Program Development" (\$200,000) European Union Objective 1 Program (with J. Masalin), 2000.

"Academic Challenge: Developing an Applied Demography Program, Bowling Green State University" (\$121,336). Ohio Board of Regents (with M. Pugh et al.), 1986.

## VII. Publications

### A. Refereed Journal Articles

2010. "New Directions in the Development of Population Estimates in the United States?". Population Research and Policy Review. (forthcoming) (with J. McKibben).
2010. "Teaching Business Demography Using Case Studies". Population Research and Policy Review. (forthcoming) (With P. Morrison).
- 2009 "Towards a Comprehensive Quality Assurance System for Degree Programs in Higher Education." The Montana Professor (Forthcoming).
- 2009 "Socio-Economic Status and Life Expectancy in the United States, 1970-1990." Population Review 48 (1): 39-63 (with Mary McGehee and Nazrul Hoque).
- 2009 "The Socio-Demographic and Environmental Effects of Katrina: An Impact Analysis Perspective". The Open Demography Journal. 2 (11): 36-46. (with R. Forgette, J. McKibben, M. Van Boening, and L. Wombold).
- 2009 "Socio-economic Status and Life Expectancy in Florida, 1970 to 1990." The Florida Scientist 72 (3): 242-248. (with M. McGehee).
- 2009 "Forecasting the Population of Census Tracts by Age and Sex: An Example of the Hamilton-Perry Method in Action." Population Research and Policy Review 28 (4): 1-17 (with A. Schlottmann and R. Schmidt).
- 2009 "Socio-economic Status and Life Expectancy in Mississippi, 1970-1990. Journal of the Mississippi Academy of Sciences 54 (3-4): 190-195 (with M. McGehee).
- 2009 "Hurricane Katrina: A Case Study of Its Impacts on Medical Service Providers and Their Client Populations." The Open Demography Journal 2: 8-17.
- 2009 "A Model Growth Curve for Juvenile Age Estimation using Diaphyseal Long Bone Lengths among Ancient Maya Populations." Latin American Antiquity 20 (1): 3-14 (with M. Danforth, G. Wrobel, and C. Armstrong).
- 2009 "Socio-Economic Status and Life Expectancy in Florida, 1970 to 1990." The Florida Scientist 72(3): 242-248 (with Mary A. McGehee).
- 2009 "After a Disaster: Lessons in Survey Methodology from Hurricane Katrina." Population Research and Policy Review 28: 67-92 (with T. Henderson, M. Sirois, A. Chia-Chen Chen, C. Airriess, and D. Banks).
- 2009 "Before, Now, and After: Assessing Hurricane Katrina Relief." Population Research and Policy Review 28: 31-42 (with R. Forgette, B. Dettrey, and M. Van Boening).
- 2008 "The Demographic Effects of Hurricane Katrina on the Mississippi Gulf Coast: An Analysis by Zipcode." Journal of the Mississippi Academy of Sciences. 53 (4): 213-231.
- 2008 "Psychologists and Hurricane Katrina: Natural Disaster Response through Training, Public Education, and Research." Training and Education in Professional Psychology 2: 83-88 (with S. Schulenberg, K. Dellinger, A. Koestler, A. Kinnell, R. Forgette, and M. Van Boening).

- 2008 "Applied Demography in Action: A Case Study of Population Identification." Canadian Studies in Population 35 (1): 133-158.
- 2007 "On MAPE-R as a Measure of Cross-sectional estimation and forecast accuracy." Journal of Economic and Social Measurement 32 (4): 219-233 (with C. Coleman).
- 2007 "Assessing Katrina's Demographic and Social Impacts on the Mississippi Gulf Coast." Journal of the Mississippi Academy of Sciences 54 (2): 228-242 (with R. Forgette, M. Van Boening, C. Holley, and A. Kinnell).
- 2007 "Determinants of Government Aid to Katrina Survivors: Evidence from Survey Data." Southern Economic Journal 74 (2): 344-362. (with W. Chappell, R. Forgette, and M. Van Boening).
- 2007 "Providing Census Tabulations to Government Security Agencies in the United States: The Case of Arab-Americans." Government Information Quarterly 24(2): 470-487. (with S. El-Badry).
- 2006 "The United States Census at the Dawn of the 21<sup>st</sup> Century." Journal of Economic and Social Measurement 31(3-4): 139-149. (with Charles G. Renfro).
- 2006 "The Roots of Conflict over U.S. Census Counts in the Late 20<sup>th</sup> Century and Prospects for the 21<sup>st</sup> Century." Journal of Economic and Social Measurement 31 (3-4): 185-205 (with P. Walashek).
- 2006 "An Evaluation of the American Community Survey: Results from the Oregon Test Site." Population Research and Policy Review 25(3): 257-273. (with G. Hough).
- 2006 "A Comparison of in-class and Online Student Evaluations" Delta Education Journal 3(2): 37-47.
- 2005 "Deep Structure Learning and Statistical Literacy." Delta Education Journal 3(1): 41-52.
- 2005 "Contemporary Developments in Applied Demography within the United States." Journal of Applied Sociology 21 (2): 26-56 (with L. Pol).
- 2004 "Advancing Methodological Knowledge within State and Local Demography: A Case Study." Population Research and Policy Review 23 (August): 379-398.
- 2000 "A Note on the Measurement of Accuracy for Subnational Demographic Estimates." Demography 37 (May): 193-201 (with J. Tayman and C. Barr)
- 1999 "In Search of the Ideal Measure of Accuracy for Subnational Demographic Forecasts." Population Research and Policy Review 18: 387-409 (with J. Tayman and C. Barr).
- 1999 "On the Validity of MAPE as a Measure of Population Forecast Accuracy." Population Research and Policy Review 18: 299-322 (with J. Tayman).
- 1998 "Toward an Assessment of Continuous Measurement: A Comparison of Returns with 1990 Census Returns for the Portland Test Site." Journal of Economic and Social Measurement . 24: 295-308 (with G. Hough).
- 1998 "In Defense of the Net Migrant." Journal of Economic and Social Measurement. 24: 155-170 (with S. Smith).
- 1997 "On Teaching Statistics." Voprosy Statistiki 7: 77-80. (with J. McKibben, *in Russian*)

- 1997 "Forecasting For School Attendance Zone Changes: Merging GIS and Demographic Methods With Local Expert Judgment." Market and Demographic Analysis 3(6): 23-31(with G. Hough, D. Lycan, and I. Sharkova, *in Chinese*).
- 1997 "Linking Substance and Practice: A Case Study of the Relationship Between Socio-Economic Structure and Population Estimation." Journal of Economic and Social Measurement 24: 135-147. (with J. McKibben).
- 1997 "Socioeconomic Impacts of the Proposed Federal Gaming Tax." International Journal of Public Administration 20: 1675-1698 (with R. Schmidt and C. Barr).
- 1996 "Socioeconomic Status, Race and Life Expectancy In Arkansas, 1970-1990." Journal of The Arkansas Medical Society 93 (9): 445-447. (with M. McGehee).
- 1996 "On the Utility of Population Forecasts." Demography (33 (4): 523-528. (with J. Tayman).
- 1996 "Ties That Bind: A Case Study of The Link Between Employers, Families and Health Benefits." Population Research and Policy Review 15(5-6): 509-523 (with H. Kintner).
- 1996 "What Is Applied Demography?" Population Research and Policy Review 15 (5-6): 403-418 (with T. Burch and L. Tedrow).
- 1995 "Between a Rock and a Hard Place: The Evaluation of Demographic Forecasts." Population Research and Policy Review 14:233-249 (with J. Tayman).
- 1995 "Mean Square Error Confidence Intervals For Measuring Uncertainty in Intercensal Net Migration Estimates: A Case Study of Arkansas, 1980-1990." Journal of Economic and Social Measurement 21:85-126 (with H. Kintner and M. McGehee).
- 1995 "On the Utility of Lagged Ratio-Correlation as a Short-term County Population Estimation Method: A Case Study of Washington State." Journal of Economic and Social Measurement 21:1-16 (with D. Beck and J. Tayman).
- 1994 "A New Short-term County Population Projection Method." Journal of Economic and Social Measurement 21:25-50 (with D. Beck).
- 1993 "Toward Measuring Uncertainty in Estimates of Intercensal Net Migration." Canadian Studies In Population 20 (2):153-191 (with H. Kintner).
- 1993 "Measurement Errors in Census Counts and Estimates of Intercensal Net Migration." Journal of Economic and Social Measurement 19 (2):97-120 (with H. Kintner).
- 1992 "A Variation of the Housing Unit Method for Estimating the Population of Small, Rural Areas: A Case Study of the Local Expert Procedure." Survey Methodology 18(1):155-163 (with J. Carlson and L. Roe).
- 1992 "The Relationship Between Life Expectancy and Socioeconomic Status in Arkansas, 1970 and 1990." The Journal of the Arkansas Medical Society 89 (December):333-335.
- 1989 "Confidence Intervals for Postcensal Population Estimates: A Case Study for Local Areas." Survey Methodology 15 (2): 271-280.
- 1989 "The Impact of Census Error Adjustments on State Population Projections: The Case of Ohio." Ohio Journal of Science 89 (1):12-18 (with Bennett, R. Prevost, K. Vaidya and R. Yehya).
- 1989 "A State-Based Regression Model for Estimating Substate Life Expectancy." Demography 26 (February):161-170.
- 1988 "Intercensal Net Migration Among the Three Major Regions of Iraq: 1957-1977." Janasamkhya 6 (December):93-126 (with A. Al-Jiboury).

- 1988 "Temporal Variations in the Relationship Between Infant Mortality and Economic Status." Social Indicators Research 20:217-227 (with E.G. Stockwell, and J. Wicks).
- 1988 "Are Geographic Effects On Life Expectancy In Ohio Spurious Because of Race?" Ohio Journal of Science 88 (June):135-142 (with E.G. Stockwell).
- 1988 "Economic Status Differences in Infant Mortality by Cause of Death." Public Health Reports 103 (March-April):135-142 (with E.G. Stockwell and J. Wicks).
- 1987 "The Age-Cause Proxy Relationship in Infant Mortality." Social Biology 34:249-253 (with E.G. Stockwell and J. Wicks).
- 1987 "Trends In the Relationship Between Infant Mortality and Socioeconomic Status." Sociological Focus 20 (October):319-327 (with E.G. Stockwell and J. Wicks).
- 1987 "Public Policy and the Socioeconomic Mortality Differential In Infancy." Population Research and Policy Review 6 (Fall):105-121 (with E.G. Stockwell, M. Bedard, and J. Wicks).
- 1986 "Timing the Second Birth: Fecundability Models For Selected Race and Age Groups in Hawaii." Janasamkhya 4 (December):82-113.
- 1986 "Geographic Variation of Longevity In Ohio, 1930 and 1980." The Ohio Journal of Science 86 (September):144-149 (with E.G. Stockwell).
- 1986 "Missing Survey Data in End-Use Energy Models: An Overlooked Problem." The Energy Journal 7 (July):149-157.
- 1986 "Age at First Birth and the Length of the Second Birth Interval: Is a Positive Relationship Universal in Modern Populations?" Janasamkhya 4 (June):57-64.
- 1984 "Improving the Measurement of Temporal Change in Regression Models Used For County Population Estimates." Demography 20(August): 373-382 (with L. M. Tedrow).
- 1984 "SUREX: Testing Survival Data for Exponentiality on the VIC-20 Microcomputer." The American Statistician 38 (February):69-70.
- 1981 "Allocation Accuracy in Population Estimates: An Overlooked Criterion with Fiscal Implications." pp. 13-21 in Small Area Population Estimates, Methods and Their Accuracy and New Metropolitan Areas Definitions and Their Impact on the Private and Public Sector, Series GE-41 No.7, U.S. Bureau of the Census.
- 1980 "Improving Accuracy in Multiple Regression Estimates of County Populations Using Principles from Causal Modeling." Demography 17 (November):413-427.
- 1978 "An Evaluation of Ratio and Difference Regression Methods for Estimating Small, Highly Concentrated Populations: The Case of Ethnic Groups." Review of Public Data Use 6 (July):18-27.
- 1977 "An Alternative Geometric Representation of the Correlation Coefficient." The American Statistician 31 (February): 52.
- 1976 "A Sampling Distribution and Significance Test For Differences in Qualitative Variation." Social Forces 55:182-184.
- 1976 "On the Equivalence of Categorical Level Variation and a Ratio Level Concept of Variance." Western Sociological Review 7 (Summer):57-66.
- 1975 "The Division of Labor: Further Exploration in the Analysis of an Ecological Concept." Western Sociological Review 6 (Summer):72-82.
- 1973 "A Comment on the Clemente and Gibbs-Martin Measures of the Division of Labor: Their Relation to Amemiya's Index of Economic Differentiation." Pacific Sociological Review 16 (July):401-405.

## B. Proceedings

"Using Cases in the Teaching of Statistics." pp. 21-30 in H. E. Klein (Ed.) Interactive Innovative Teaching and Training: Case Method and Other Techniques. World Association for Case Method Research and Application. Needham, MA, 2003. (with R. Patten).

"New Directions in Population Forecasting." pp. 634-643 in I. Zelinka, P. Chalupa, P. Hustak, and M. Dlapa (Eds.) Proceedings of the 4<sup>th</sup> International Conference on Prediction and Non-Linear Dynamics (CD-ROM). Institute of Information Technologies, Faculty of Technology, Tomas Bata University, Zlin, Czech Republic, 2001 (with S. Smith and J. Tayman).

"On Measuring Accuracy in Subnational Demographic Forecasts." Proceedings of the 52<sup>nd</sup> Session of the International Statistical Institute, International Statistical Institute, Voorburg, Netherlands, 1999. located on-line at <http://www.stat.fi/isi99/proceedings.html>. 1999. (with C. Barr and J. Tayman).

"Teaching Statistics to Non-Specialists: A Course Aimed at Increasing Both Learning and Retention." pp. 159-166 in L. Pereira-Mondoza, L. Kea, T. Kee, and W. Wong (Eds.) Statistical Education - Expanding the Network: Proceedings of the Fifth International Conference on Teaching Statistics. International Association for Statistical Education, International Statistical Institute, Voorburg, Netherlands. 1999. (with J. McKibben).

"Estimating the Population of Rural Communities By Age and Gender: A Case Study of the Local Expert Procedure." Proceedings of the 1993 Public Health Conference on Records and Statistics. National Center for Health Statistics, DHHS Publication No. [PHS] 94-1214. Hyattsville, Maryland, 1994 (with L. Roe Carlson and C. Williams).

"A Variation of the Housing Unit Method for Estimating the Age and Gender Distribution of Small Rural Areas. pp.1918-1923 in " High Level Radioactive Waste Management: Proceedings of the 1993 International Conference. American Nuclear Society and American Society of Civil Engineers, New York, New York, 1993. (with J. Carlson, L. Roe, and C. Williams).

"The Development of Small Area Socioeconomic Data to be Utilized for Impact Analysis: Rural Southern Nevada." pp.985-990 in High Level Radioactive Waste Management: Proceedings of the 1990 International Conference, American Nuclear Society and American Society of Civil Engineers, New York, New York, 1990. (with J. Carlson and C. Williams).

"Technical Skills and Training Needs of Applied Demographers." in 1987 Proceedings of the Statistical Education Section, American Statistical Association, American Statistical Association, Alexandria, Virginia. 1987 (with L. Rosen and H. Kintner).

"Estimating Life Expectancy For Health Service Areas: A Test Using 1980 Data for Indiana." in 1986 Proceedings of the Social Statistics, American Statistical Association, American Statistical Association, Alexandria, Virginia, 1986.

"Missing Survey Data in End-Use Energy Models: An Overlooked Problem." in 1985 Proceedings of The Business Statistics Section, American Statistical Association, American Statistical Association, Alexandria, Virginia, 1985.

"Issues in End-Use Survey Research." in Proceedings from The Panel on Improving Methods of Program Evaluation, American Council for an Energy-Efficient Economy, Volume K, ACEEE 1984 Summer Study on Energy Efficiency in Buildings, American Council for an Energy-Efficient Economy, Washington, DC, 1985, (with S. Buller, R. Canter, L. Guliasi, and R. Wong).

"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 L. M. Tedrow).

"Getting at the Factors Underlying Enrollment Trends Using Statistical Decomposition Techniques." in 1983 Proceedings of the College and University Systems Exchange College and University Systems Exchange, Boulder Colorado, 1983 (with S. Story).

"Current State Population Forecasts." in Proceedings of the Washington State Resources Council Symposium: Rapid Community Growth- Is it Manageable? Washington State Resources Council; and the Cooperative Extension Services, Washington State University, Pullman, Washington 1979.

"A Method of Estimating Annual Age-Standardized Mortality Rates for Counties: Results of a Test Using Washington State Data. in 1979 Proceedings of the Social Statistics Section, American Statistical Association, American Statistical Association, Alexandria, Virginia, 1979 (with L. L. Swanson).

### C. Non-refereed Articles

2008. "Population Aging and the Measurement of Dependency: The Case of Germany." Applied Demography 21 (April): 8-10.
- 2002 "Meeting Local Information Needs: A Case Study in Team Applied Demography." Applied Demography 14 (Spring): 1-3. (with P. Morrison, C. Popoff, I. Sharkova, and J. Tayman).
- 1998 "The State of Liberal Education, Part III: Academic Thinking and Institutional Development." Liberal Education 84 (4): 40-47. (with D. Atkinson and M. Reardon).
- 1998 "Merging Methods and Judgment for K-12 Enrollment Forecasting." Educational Research Service Spectrum 16 (Fall): 24-31 (with G. Hough, C. Clemans, and J. Rodriguez).
- 1998 "The Tragedy of the Census." Applied Demography 14 (Summer): 1-3.
- 1998 "The State of Liberal Education, Part II: Assessing Institutional Perspectives." Liberal Education 84 (2): 26-31. (with D. Atkinson and M. Reardon).
- 1995 "Estimating the Population of Rural Communities By Age and Gender: A Case Study of the Local Expert Procedure." Small Town (May-June):14-21. (with J. Carlson, L. Roe, and C. Williams).
1994. "Robert C. Schmitt and His Contributions." Applied Demography 9 (Spring): 1-2.
- 1994 "Ratio-Correlation: An Important Tool in a Sparsely Stocked Box." Applied Demography 9 (Spring): 7-9. (with T. J. Lowe).
- 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).
- 1987 "How to Forecast VCR Penetration." American Demographics (December):44-45 (with B. Klopfenstein).
- 1987 "Judging the Accuracy of the 1980 Census for Small Towns: An Analysis of Survey and Related Data From the Long Form." Small Town (July-August) 4-11 (with J. Van Patten).

- 1987 "Profiles of Academic, Government and Private Sector Demographers." Population Today 15 (July): 6-8 (with H. Kintner).
- 1986 "Evaluating Population Estimates and Short-Term Forecasts." Applied Demography 2 (November): 5-6.
- 1986 "How Accurate was the Census of Small Towns?" Small Town (January-February): 27-31 (with J. Van Patten).
- 1986 "The Graduate Program in Applied Demography at Bowling Green." Applied Demography 2 (August): 3-5.
- 1985 "A New Technique for Assessing Error in Ratio-Correlation Estimates of Population: A Preliminary Note." Applied Demography 1 (November): 1-4 (with R. Prevost).
- 1985 "New Academic Program in Applied Demography." Applied Demography 1 (September): 9.
- 1985 "Ohio's Population in the Year 2000." Ohio Cities and Villages (August): 9-11 (with J. McKibben, L. Mortezo, R. Prevost and K. Wright).
- 1983 "Special Census Results for Oil-Related Worksites in the North Slope Borough." Alaska Economic Trends 3 (March):104.
- 1982 "North Slope Population Up 68.6 Percent." Alaska Journal of Commerce and Pacific Rim Reporter (March 1): 22.
- 1979 "Decomposing Change in Population Based Economic Indicators: The Female Labor Force Participation Rate, 1960-1970." Economic Forecast for Washington State: 1979-81, Third Quarter Report: 12-18.
- 1979 "Trends in the Number of Households." Economic Forecast for Washington State: 1979-81, Second Quarter Report: 7-11.
- 1979 "Trends in the Age-Related Components of Starter Housing Demand." Economic Forecast for Washington State: 1979-81, First Quarter Report: 8-11.
- 1978 "Changes in the Working-Age Population." Economic Forecast for Washington State: 1978-80, Fourth Quarter Report: 13-16.
- 1977 "Two Parameter Regression Estimates of Current Life Expectancy at Birth: Part II." Asian & Pacific Census Newsletter 5 (May): 5-10 (with J. A. Palmore Jr. and C. Sundaram).
- 1976 "Two Parameter Regression Estimates of Current Life Expectancy at Birth: Part I." Asian & Pacific Census Forum 3 (November): 5-10 (with J. A. Palmore Jr.).

#### **D. Books and Monographs**

Subnational Population Estimation. (forthcoming in 2011), Springer B.V. Press. Dordrecht, The Netherlands.

Applied Demography in the 21<sup>st</sup> Century. (2008). Co-Editor with Steve Murdock. Springer B.V. Press. Dordrecht, The Netherlands.

Southern Nevada Regional Economic Study (2006). With Alan Schlottmann, Robert Schmidt, and Edward Feser. Theodore Roosevelt Institute. Irvine, CA and Las Vegas, NV.

The Methods and Materials of Demography, Condensed Edition, Revised. (2004). Co-Editor with Jacob Siegel. Academic/Elsevier Press: Los Angeles.

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## **I. Book Reviews**

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## **VIII. Papers Read at Professional Conferences**

### **A. Contributed Refereed Papers**

"The Methods and Materials used to Generate Two Key Elements of the Housing Unit Method of Population Estimation" Vacancy Rates (VR) and Persons Per Household (PPH)." (To be) Presented at the 2010 Conference of the Population Association of America, 15-17 April, Dallas, Texas.

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- "Population Ageing and the Measurement of Dependency: The Case of Germany." Presented at the 2006 Meeting of the European Association for Population Studies. 20-24 June, Liverpool, England.
- "Research on the Impacts of Hurricane Katrina on the Mississippi Gulf Coast." Presented at the Annual Meeting of the Southern Demographic Association, 3-5 November, 2005. Oxford, Mississippi.
- "Contemporary Developments in Applied Demography within the United States." Presented at the 2005 Conference of the International Union for the Scientific Study of Population, 18-23 July, 2005. Tours, France. (with L. Pol).
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"Construction of Confidence Intervals for Population Forecasts Generated by the Cohort-Component Method." Presented at the 1994 Annual Meeting of The Population Association of America, Miami, Florida (with D. Arnold, J. Carlson, H. Kintner, and C. Williams).

"Ties that Bind: Families, Organizational Demography, and Health Benefits." Presented at the 1994 Annual Meeting of The Population of America, Miami, Florida (with H. Kintner).

"Measuring the Utility of Population Projections." Presented at the 1994 Annual Meeting of The Ohio Academy of Science. Toledo, Ohio (with J. Tayman).

"Mean Square Error Confidence Intervals for Intercensal Net Migration Estimates: A Case Study of Arkansas 1980-1990." Presented at the 1993 Annual Meeting of the Southern Demographic Association, New Orleans, Louisiana (with H. Kintner and M. McGehee).

"Estimating Demographic Rates From Employer Administrative Database." Presented at the 1993 Annual Meeting of the International Union for the Scientific Study of Population, Montreal, Quebec (with H. Kintner).

"Evaluation of Ratio-Correlation and Difference-Correlation Methods for Estimating County Populations: The Case of Post-Industrial Indiana." Presented at the 1993 Annual Meeting of the American Statistical Association, San Francisco, California (with J. McKibben).

"Ratio-Correlation: A Short-Term County Population Projection Method." Presented at the 1993 International Symposium on Forecasting, Pittsburgh, Pennsylvania (with D. Beck).

"The Relationship Between Life Expectancy and Socioeconomic Status In Arkansas, 1970 and 1990." Presented at the 1993 Annual Meeting of the Population Association of America, Cincinnati, Ohio.

"Measurement Errors in Census Counts and Estimates of Intercensal Net Migration." Presented at the 1993 Annual Meeting of the Population Association of the America, Cincinnati, Ohio (with H. Kintner).

"Ratio-Correlation as a Short-Term County Population Projection Method: A Case Study for Washington State." Presented at the 1992 Annual Meeting of the Southern Demographic Association , Charleston, South Carolina (with D. Beck).

"Adult Transfer Students: Predicting Who Will Finish and Who Will Drop Out." Presented at the 1992 Annual Meeting of the Pacific Northwest Association of Institutional Researchers and Planners, Bellingham, Washington (with S. Hedman and L. Nelson).

"Measurement Errors in Census Counts and Estimates of Intercensal Net Migration." Presented at the 1992 Annual Meeting of the American Statistical Association, Boston, Massachusetts (with H. Kintner).

"The Disposal of Household Hazardous Waste: Results From a Survey of Pierce County, Washington." Presented at the 1992 Annual Meeting of the Northwest Scientific Association, Bellingham, Washington.

"A Variation of the Housing Unit Method For Estimating the Population of Small, Rural Areas: A Case Study of the Local Expert Procedure." Presented at the 1992 Annual Meeting of the Population Association of America, Denver, Colorado (with J. Carlson and L. Roe).

"A System for Placing Confidence Intervals Around Estimated the Population of Small, Rural Areas: A Case Study of the Local Expert Procedure." Presented at the 1992 Annual Meeting of the Population Association of America, Denver, Colorado (with J. Carlson and L. Roe).

"Perspectives on Change in Employer Health Benefits Populations." Presented at the 1991 Annual Meeting of the Population Association of America, Washington, D.C. (with H. Kintner).

"Evaluating Socioeconomic Impact Models: An Adoption of Winter's Method to the Yucca Mountain Project." Presented at the 1990 Annual Meeting of the American Statistical Association, Anaheim, California (with J. Carlson, J. Hollingsworth, and C. Williams).

"The Development of Small Area Socioeconomic Data to be Utilized for Impact Analysis: Rural Southern Nevada." Presented at the 1990 International High Level Radioactive Waste Management Conference, Las Vegas, Nevada (with J. Carlson and C. Williams).

"Identifying Factors Associated with the Subjective Feelings of One's Quality of Health." Presented at the 1990 U.S. Uniformed Services Conference of Family Physicians, Richmond, Virginia (with W. F. Miser).

"Demographic Issues for Washington State." Session on Regional Demography, 1989 Annual Meeting of the Rural Sociological Society, Seattle, Washington.

"Intercensal Net Migration Among the Three Major Regions of Iraq, 1957-1977." Presented at the 1989 Annual Meeting of the Population Association of America, Baltimore, Maryland (with A. Al-Jiboury).

"VCR Households: A Comparison of Early and Recent Adopters." Presented at the 1988 Annual Meeting of the Broadcast Education Association, Las Vegas, Nevada (with B. Klopfenstein).

"Technical Skills and Training Needs of Applied Demography." Presented at the 1987 Annual Meeting for the American Statistical Association, San Francisco, California (with L. S. Rosen and H. J. Kintner).

"Causes of Death in Infancy and the Proposed Redefinition of the Neonatal Period." Presented at the 1987 Annual Meeting of the North Central Sociological Association, Cincinnati, Ohio (with E. G. Stockwell and J. Wicks).

"The Impact of Census Error Adjustments on Ohio Population Projections." Presented at the 1987 Annual Meeting of the North Central Sociological Association, Cincinnati, Ohio (with K. Vaidya, R. Yehya, B. Bennett and R. Prevost).

"Projecting Household VCR Penetration: A Demographic Approach." Presented at the 1987 Annual Meeting of the Population Association of America, Chicago, Illinois (with B. Klopfenstein).

"A State Based Regression Model For Estimating Substate Life Expectancy: Tests Using 1980 Data." Presented at the 1987 Annual Meeting of the American Statistical Association, San Francisco, California.

"An Analysis of VCR Adopter Characteristics and Behavior." Presented at the 1987 Annual Meeting of the International Communication Association, Montreal, Quebec, Canada (with B. Klopfenstein).

"Estimating Life Expectancy For Health Service Areas: A Test Using 1980 Data For Indiana." Presented at the 1986 Annual Meeting of the American Statistical Association, Chicago, Illinois.

"Converging Trends in the Relationship Between Infant Mortality and Socioeconomic Status." Presented at the 1986 Annual Meeting of the North Central Sociological Association, Toledo, Ohio (with E. Stockwell and J. Wicks).

"Geographic Variation of Longevity in Ohio, 1930 and 1980." Presented at the 1986 Annual Meeting of the North Central Sociological Association, Toledo, Ohio (with E. Stockwell).

"Identifying Extreme Errors in Ratio-Correlation Estimates of Population." Presented at the 1986 Annual Meeting of the Population Association of America, San Francisco, California (with R. Prevost).

"Missing Survey Data in End-Use Energy Models: An Overlooked Problem." Presented at the 1985 Annual Meeting of the American Statistical Association, Las Vegas, Nevada.

"Fecundability Among Ethnic Groups in Hawaii." Presented at the 1985 Annual Meeting of the North Central Sociological Association, Louisville, Kentucky.

"Issues in Energy End-Use Survey Research." Presented at the 1985 Conference of the American Council for an Energy Efficient Society, San Cruz, California (with S. M. Buller, R. J. Canter, L. Guliasi, and R. M. Wong).

"Improving the Measurement of Temporal Change in Regression Models Used for County Population Estimates." Presented at the 1983 Annual Meeting of the Population Association of America, Pittsburgh, Pennsylvania (with B. Baker and J. Van Patten).