

RESUME

PERSONAL DATA

Name: William Bramwell Clifford, II

Date and Place
of Birth: February 20, 1941
Pittsburgh, Pennsylvania

Address: Home: 1113 Lands End Court
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North Carolina State University
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FORMAL EDUCATION

- 1969 Ph.D. University of Kentucky, Lexington, Kentucky
Major Area: Sociology
Minor Area: Anthropology
Area of Specialization: Demography
Dissertation: "Variations in Value Orientations and Fertility: A Study in Social Demography"
- 1965 M.A. West Virginia University, Morgantown, West Virginia
Major: Sociology
Minor: Philosophy
Thesis: "Attitudes toward Education and the Schools in a Rural Industrialized County"
- 1963 B.S. Grove City College, Grove City, Pennsylvania
Major: Biology
Minor: Sociology
- 1959 Graduate of North Allegheny High School, Pittsburgh, Pennsylvania

FELLOWSHIPS

- 1967 (summer) NDEA Fellowship, University of Kentucky, Lexington, KY
1966-1967 NIMH Traineeship, Department of Sociology, University of Kentucky, Lexington, KY

PROFESSIONAL POSITIONS

- 1968-present Department of Sociology and Anthropology, North Carolina State University
 Instructor: 1968-1969
 Assistant Professor: 1969-1973
 Associate Professor: 1973-1978
 Professor: 1978-present
- 1993-2005 Head
- 1986-1992 Associate Head
- 1985-1986 Acting Assistant Head
- 1979-1983 Graduate Administrator, Department of Sociology and Anthropology, North Carolina State University
- 1979 Visiting Professor, Department of Rural Sociology, University of Wisconsin-Madison, Spring Semester
- 1970 Appointed to the Graduate Faculty; Full Status, 1977
- 1967-1968 Lectureship, Department of Sociology, University of Kentucky, for the academic year. Taught Principles of Sociology.
- 1967 (summer) Research Assistant, Department of Sociology, University of Kentucky. Study of historical fertility patterns in Kentucky.
- 1965-1967 Research Assistant, Department of Sociology, University of Kentucky. Study of families participating in Aid to Families with Dependent Children and Unemployed Parents program, financed by the Department of Health, Education, and Welfare through the Kentucky Department of Economic Security.
- 1965 (summer) Consultant in demography, West Virginia University. Migration studies conducted by the Office of Economic Opportunity and the Appalachian Center.
- 1963-1965 Research Assistant, Department of Sociology, West Virginia University. Northeast Regional Project No. 47. "The Social and Economic Consequences of Changes in Employment Upon Selected Northeastern Communities."

TEACHING AND RESEARCH

Teaching

At North Carolina State University, I have taught Principles of Sociology, Population Problems, Population and Planning, Senior Seminar in Sociology, Demographic Structure and Processes - Fertility Option, Contemporary Sociology, and Social Demography.

TEACHING AND RESEARCH continued

In addition, I have taught at the Fort Bragg Branch of North Carolina State University and at Meredith College; participated in the development and team teaching of an interdisciplinary course on World Food and Population Crisis; and, participated in the training of North Carolina Employment Security Personnel and program development for the Employment Service Counselor's Program of the Division of Continuing Education.

Advisory Committees

I am presently serving on the advisory committees of three doctoral students. In addition, I have served on numerous other committees of students who have completed work for graduate degrees. I have directed both M.S. theses and doctoral dissertations.

Current Research

Current research focuses on an impact assessment and the socioeconomic influences of the adoption of new peanut technologies in the Philippines and Thailand as part of an AID Peanut CRSP project. Another project focuses on citizens' and leaders' knowledge, attitudes and behavior concerning agriculture, the environment and natural resources. A third area of work deals landowners' and farmers' use of best management practices in the Neuse and Tar River watersheds in eastern North Carolina.

ADMINISTRATIVE

Formal administrative experience has been gained as Graduate Administrator (1979-1983), as Associate Head (1986-1992) and as Head of the Department of Sociology and Anthropology, NCSU. These positions require an understanding of university, school and departmental policies, procedures and budgetary processes, and an ability to work and communicate with different offices and personnel across the campus.

Other administrative experiences have been gained by serving as Bulletin Index Editor of Rural Sociology; through offices and committees of professional societies, and departmental-university activities; and, through roles in the organization, development and conduct of research projects including fiscal management as well as training and supervision of research assistants.

EDITORIAL AND REVIEW ACTIVITIES

Bulletin Index Editor, Rural Sociology, 1976-1981
 Editorial Consultant, Demography, 1971-
 Editorial Consultant, Rural Sociology, 1974-
 Editorial Consultant, Social Forces, 1976-
 Editorial Consultant, Sociological Focus, 1979-
 Editorial Consultant, Social Biology, 1980-
 Editorial Consultant, Journal of Rural Health, 1985-
 Editorial Consultant, Southern Rural Sociology, 1986-
 Proposal Reviewer, National Science Foundation, 1978-
 Proposal Reviewer, USDA, 1985-
 Associate Editor, The Social Science Journal, 1984-1987
 Demography Editor of the Rural Studies Series, Westview Press/Rural Sociological Society

MEMBERSHIPS IN PROFESSIONAL AND HONORARY SOCIETIES

American Sociological Association
Population Association of America
Southern Sociological Society
Alpha Kappa Delta
North Carolina Sociological Association
Rural Sociological Society
Southern Demographic Association
North Carolina Census Users Group
Associate, Carolina Population Center
International Rural Sociology Association
Sigma Xi
Gamma Sigma Delta
National Association of Colleges and Teachers of Agriculture
North Carolina Water Resources Association
American Association of Higher Education
CAST

ACTIVITIES IN PROFESSIONAL AND HONORARY SOCIETIES

Member of the Committee on Visiting Sociologist Program of the North Carolina Sociological Association, 1972.

Section Chairman, Sociological Methodology -- a symposium on methodology at Virginia Commonwealth University, Richmond, Virginia, 1971.

Member of the Program Committee for the 1974 annual meeting of the Rural Sociological Society.

Chairperson, Nominating Committee, Southern Regional Demographic Group, 1974.

Co-chairperson, Local Arrangements Committee, North Carolina Sociological Association, 1977.

Panel Member, Meet-The-Editors, Rural Sociological Society meetings, Madison, Wisconsin, 1977.

Panel Member, Meet-The-Editors, Rural Sociological Society Meetings, San Francisco, California, 1978.

Organizer and Chair of Panel on Dissemination and Utilization of Applied Demographic Publications, Rural Sociological Society Meetings, San Francisco, California, 1978.

Chair, Population Research Group of the Rural Sociological Society, 1977-1980.

Organizer and Chair of Panel on the Nonmetropolitan Turnaround: Contributions of Experiment Station Regional Projects, Rural Sociological Society Meetings, Burlington, Vermont, 1979.

Organizer and Chair of Panel on New Developments in the 1980 Census, Rural Sociological Society Meetings, Ithaca, New York, 1980.

Member of the Nominating Committee, Southern Sociological Society, 1983-1984.

Member of the Election Committee, Southern Sociological Society, 1989.

ACTIVITIES IN PROFESSIONAL AND HONORARY SOCIETIES, continued

Member of the Nominating Committee, Rural Sociological Society, 1992.

Member, CAST Task Force on Wetlands, 1993-1994.

Member and Chair, Endowment Committee, Rural Sociological Society, 1998-2000.

Member, Rural Sociological Society Council, 1998-2000.

SERVICE ON COMMITTEE ASSIGNMENTS AND OTHER UNIVERSITY BUSINESS

Member of the World Food and Population Task Group of the University Program on Science and Society, 1970.

Chairperson of departmental committee on program development in demography, 1971.

Chairperson of departmental committee for School of Agriculture and Life Sciences' Open House and member of School program committee, 1972.

N.C.S.U. representative to the committee on population education for undergraduates sponsored by the Carolina Population Center, U.N.C., 1972.

Chairperson of departmental Equal Opportunity Committee and member of the Equal Opportunity Committee of the School of Agriculture and Life Sciences, 1973-1981.

Member of the Advisory Committee for the project Social and Economic Indicators for Development of North Carolina (Title V), 1974.

Member of the Ad Hoc Planning Committee for the State Demographic Workshop sponsored by the Office of State Planning and the Carolina Population Center, U.N.C., 1974.

Member of the Title IX Task Force -- Self Evaluation and Title IX Compliance -- for the School of Agriculture and Life Sciences, 1975.

Member of the Raleigh Census Statistical Areas Committee, 1975-1978.

Chairperson of departmental Faculty Search Committee, 1975.

Member, School of Agriculture and Life Sciences Graduate Studies Committee, 1981-1984.

Member of departmental Student Advising Committee, 1981-1983.

Member of departmental Graduate Committee, 1981-1987.

Member of departmental Courses and Curricula Committee, 1981-1983.

Chairperson of departmental Affirmative Action Committee, 1984-1985.

Chairperson of departmental Courses and Curricula Committee, 1984-1985.

SERVICE ON COMMITTEE ASSIGNMENTS AND OTHER UNIVERSITY BUSINESS, continued

Member of departmental Head Search Committee, 1985.

Member of departmental Computer Committee, 1987-1988.

Member of departmental Space Committee, 1986-1988.

Member of departmental Committee on Committees, 1986-present.

Member, School of Agriculture and Life Sciences Hatch Centennial Symposium Committee, 1986-87.

Member, School of Agriculture and Life Sciences Agricultural Leadership Symposium Committee, 1986.

Member, School of Agriculture and Life Sciences Off-Campus Instructional Committee, 1986-90.

Member, School of Agriculture and Life Sciences Small and Part-Time Farmers Task Force for Extension's 1987-91 Long Range Plan.

Member, College of Agriculture and Life Sciences Courses and Curriculum Committee, 1988-91.

Member, College of Agriculture and Life Sciences Open House Committee, 1992.

Member, College of Agriculture and Life Sciences Research Advisory Committee, 1992.

Member, College of Agriculture and Life Sciences Risk Assessment Committee, 1993.

Chairperson of departmental Strategic Planning Steering Committee, 1993-present.

Member, College of Agriculture and Life Sciences Task Force on Community and Rural Development, 1993-present.

Member, College of Agriculture and Life Sciences Odor Task Force, 1999.

Member, College of Agriculture and Life Sciences Extension Administrative Retreat Committee, 1999.

Member, College of Agriculture and Life Sciences Assistant Director of Academic Programs Search Committee, 1999.

Member, College of Agriculture and Life Sciences College Relations Committee, 1999-present.

Member and Chair, College of Agriculture and Life Sciences Graduate Student Professional Development Committee, 1998-present.

Member, Gamma Sigma Delta Faculty Nominations Committee, 1999-present.

Chair, College of Humanities and Social Sciences English Head Search Committee, 2000-2001.

Member, College of Agriculture and Life Sciences Steering Committee on Strategic Planning, 1993-95.

SERVICE ON COMMITTEE ASSIGNMENTS AND OTHER UNIVERSITY BUSINESS, continued

Member, College of Agriculture and Life Sciences Swine Odor Task Force, 1993-1994, 1998.

Member, College of Agriculture and Life Sciences Expansion Budget Committee, 1994.

Member, College of Agriculture and Life Sciences Overhead Committee, 1994.

Member, College of Agriculture and Life Sciences Administrative Retreat Committee, 1994.

Chairperson of departmental Office Support Study, 1995.

Chair, College of Agriculture and Life Sciences Combined Campaign Committee, 1995-96.

Member, College of Agriculture and Life Sciences Rural Development Task Force, 1996.

Member, College of Humanities and Social Sciences Administrative Board, 1996.

Chair, College of Humanities and Social Sciences Overhead Committee, 1996.

Chair and member of various college search committees, 1998-

Member, CALS Extension Administrative Retreat Committee, 1998.

Member, Gamma Sigma Delta, Faculty Nominations Committee, 1999-2001

Chair, CALS Graduate Student Professional Development Committee, 1999-2001

Member, University Morris Udall Scholarship Selection Committee, 2003

Member, CALS College Relations Advisory Committee, 2000-

PUBLICATIONS AND PAPERS

A. Journal Articles and Chapters (*denotes senior author)

"Modern and Traditional Value Orientations and Fertility Behavior: A Social Demographic Study." Demography, Vol. 8, No. 1 (February), 1971.

"Socioeconomic Status, Residence Background, Value Orientations and Fertility Preferences," with A. Clarke Davis. Rural Sociology, Vol. 37, No. 2 (June), 1972.*

"Variations in Value orientations and Fertility Behavior," with Thomas R. Ford. Social Biology, Vol. 21, No. 2 (Summer), 1974.*

"Modern and Traditional Value Orientations and Fertility Behavior in a Rural County," with A. C. Davis, R. D. Mustian and P. L. Tobin. International Journal of Contemporary Sociology, Vol. 12, Nos. 3-4 (July-October), 1975.*

PUBLICATIONS AND PAPERS, continued

"Value of Children and Fertility Behavior in a Tri-Racial, Rural County," with P. L. Tobin, R. D. Mustian and A. C. Davis. Comparative Family Studies, Vol. VI, No. 1 (Spring), 1975.

"Population," with J. C. Catau, A. C. Davis, R. D. Mustian, in North Carolina Atlas-Portrait of a Changing Southern State, J. W. Clay, D. M. Orr, Jr., and A. W. Stuart (eds.), Chapel Hill: The University of North Carolina Press. 1975.

"Labor Force Participation of Working Mothers and Family Formation: Some Further Evidence," with P. L. Tobin. Demography, Vol. 14, No. 3 (August), 1977.*

"Socioeconomic Differentials in Infant Mortality: An Analysis Over Time," with Y. S. Brannon, Review of Public Data Use, Volume 6, No. 1 (January), 1978.*

"An Inferential Approach to the Measurement of Illegitimacy," with R. F. Chamblee and R. D. Mustian. Demography, Vol. 16, No. 1 (February), 1979.

"Changing Patterns of Retirement Migration: Movement Between Metropolitan and Nonmetropolitan Areas," with Tim B. Heaton and Glenn V. Fuguitt, Research on Aging, Vol. 2, No. 1 (March), 1980.

"Components of Change in the Residential Concentration of the Elderly Population: 1950-1975," with D. T. Lichter, G. V. Fuguitt and T. B. Heaton, Journal of Gerontology, Vol. 36, No. 4, 1981.

"Temporal Shifts in the Determinants of Migration in Nonmetropolitan Areas," with T. B. Heaton and G. V. Fuguitt. Social Forces, Vol. 60, No. 1 (September), 1981.

"Residential Mobility and Living Arrangements among the Elderly: Changing Patterns in Metropolitan and Nonmetropolitan Areas," with Tim B. Heaton and Glenn V. Fuguitt, Journal of Aging and Human Development, Vol. 14, No. 2, 1981-82.*

"The Impact of Structural Parameters on Conjugal Roles and Value Orientations: A Descriptive Note," with P. L. Tobin and Y. S. Brannon, International Journal of Contemporary Sociology, Vol. 19, Nos. 3 & 4, 1982.*

"Components of Change in the Age Composition of Nonmetropolitan America," with T. B. Heaton, D. T. Lichter and G. V. Fuguitt. Rural Sociology, Vol. 48, No. 3 (Fall), 1983.*

"Components of Sustenance Organization and Nonmetropolitan Population Change: The 1970s," with J. R. Poindexter. Rural Sociology, Vol. 48, No. 3 (Fall), 1983.

"Geographic Groups," with T. B. Heaton and C. Hoppe, in Handbook on the Aged in the United States, E. B. Palmore (ed.). Westport, Connecticut: Greenwood Press. 1984.

"The Rural Elderly in Demographic Perspective," with T. B. Heaton, P. R. Voss and G. V. Fuguitt in The Elderly in Rural Society, R. T. Coward and G. R. Lee (eds.). New York: Springer Publishing Company. 1985.*

"Rural-Urban Differentials in Mortality," with Y. S. Brannon. Rural Sociology, Vol. 50, No. 2 (Summer), 1985.*

PUBLICATIONS AND PAPERS, continued

"Rural-Urban Differences in Mortality in the United States, 1970-1980," with M. K. Miller and C. S. Stokes in New Dimensions in Rural Policy: Building Upon Our Heritage. Washington, DC: U.S. Government Printing Office. 1986.*

"A Comparison of the Rural-Urban Mortality Differential for Deaths From All Causes, Cardiovascular Disease and Cancer," with Michael K. Miller and C. Shannon Stokes. Journal of Rural Health, Vol. 3, No. 2, (July), 1987.

"Sex Differentials in Cardiovascular Mortality: Spatial Variations in the United State," with Kyung Ae Park. Social Biology, Vol. 34, No. 3-4, (Fall, Winter), 1987.

"Spousal Agreement on the Value of Children and Fertility Behavior," with Jeffrey L. Lake and Yevonne S. Brannon. Population and Environment, Vol. 9, No. 3, (Fall), 1987.*

"Sex Differentials in Cardiovascular Mortality: An Ecological Analysis," with Kyung Ae Park. Social Science and Medicine, Vol. 29, No. 7, 1989.

"Rural Elderly: Their Demographic Characteristics," with Stephen C. Lilley in The Rural Elderly, N. Bull (ed.). Newburg Park, CA: Sage Press. 1993.*

"Specification Bias in Contingent Values from Omission of Relative Prize Variables," with John C. Whitehead and Thomas Hoban. Southern Economic Journal, 60(4): 995-1009, 1994.

"Public Attitudes About Agricultural Water Pollution," with Thomas Hoban in Agricultural Policy and the Environment, pp. 151-170, Lu Swanson, F. B. Clearfield (eds.). Ankeny, IA: Soil and Water Conservation Society. 1994.

"Sample Bias in Contingent Valuation: A Comparison of the Correction Methods," with John C. Whitehead, Peter A. Groothuis, and Thomas J. Hoban. Leisure Sciences, 16: 249-250, 1994.

"Measurement Issues with Interested, Continuous/Interval Contingent Valuation Data," with John C. Whitehead and Thomas J. Hoban. Journal of Environmental Management, 43: 129-139, 1995.

"Assessing the Validity and Reliability of Contingent Values: A Comparison of On-site Users, Off-site Users, and Non-Users," with John C. Whitehead, Glen Blomquist and Thomas J. Hoban. Journal of Environmental Economics and Management, 29: 238-251, 1995.

"Livestock and Poultry Producers' Waste Management Practices and Attitudes in North Carolina," with Thomas Hoban in Animal Waste and the Land-Water Interface, pp. 441-448. Kenneth Steele (ed.). New York: Lewis Publishers. 1995.

"Economic Analysis of an Estuarine Quality Improvement Program: The Albemarle-Pamlico System," with John C. Whitehead and Thomas J. Hoban. Coastal Management, 25(1): 43-57, 1997.

"North Carolina Producers' Adoption of Waste Management Practices," with Thomas J. Hoban, Michael Futreal, and Marybe McMillan. Journal of Soil and Water Conservation, 52(5): 332-339, 1997.

PUBLICATIONS AND PAPERS, continued

"Social and Demographic Influences on Environmental Attitudes," with Marybe McMillan and Thomas J. Hoban. Southern Rural Sociology 13(2): 89-107, 1997.

"Willingness to Pay for Agricultural Research and Extension Programs," with John C. Whitehead and Thomas J. Hoban. Journal of Agricultural and Applied Economics, 33 (1): 91-101, 2001.

"Willingness to Pay for a Saltwater Recreational Fishing License: A Comparison of Angler Groups," with John C. Whitehead and Thomas J. Hoban. Marine Resources Economics, 16 (3): 177-194, 2002.

"Environmental World View and Behavior: Consequences of Dimensionality in a Survey of North Carolinians," with J.E. Nooney, E. Woodrum, and T.J. Hoban. Environment and Behavior, 35 (6): 763-779, 2003.

B. Research Reports, Bulletins, Proceedings, and Reviews (*denotes senior author)

"Rural Industrialization: A Case Study in Educational Values and Attitudes," with Leonard M. Sizer. West Virginia University Agricultural Experiment Station, Bulletin 521, March, 1966.

"Mountain Families in Poverty," with Cyrus M. Johnson and A. Lee Coleman, University of Kentucky, Department of Sociology and Agricultural Experiment Station, RS-29, May, 1967.

"Mobility Expectancies for the United States, 1948-1967. Expected Number of Moves in an Individual's Lifetime," with R. David Mustian. Department of Sociology and Anthropology, Progress Report SOC 55. Agricultural Experiment Station, North Carolina State University, 1971.

Book Review - H. David. Family Planning and Abortion in the Socialist Countries of Central and Eastern Europe: A Compendium of Observations and Reading. Rural Sociology, Vol. 36, No. 2 (June), 1971.

"Population Change for North Carolina and North Carolina Counties, 1950- 1960 and 1960-1970: Estimates of Net Migration and Natural Increase," with A. Clarke Davis. Department of Sociology and Anthropology, Progress Report SOC 54. Agricultural Experiment Station, North Carolina State University, 1971.*

"Projected Population Growth in North Carolina by Age, Sex and Color: 1970-1980," with R. David Mustian. Department of Sociology and Anthropology, Progress Report SOC 57. Agricultural Experiment Station, North Carolina State University, 1972.*

"Tar Heels on the Move," Research and Farming, Vol. XXX, Nos. 3-4 (Winter and Spring), 1972.

"Rural and Urban Population Change in North Carolina: 1960-1970," with A. Clarke Davis. Department of Sociology and Anthropology, Progress Report SOC 56. Agricultural Experiment Station, North Carolina State University, 1972.

"Abridged Life Tables by Color and Sex for North Carolina: 1969-1971," with R. David Mustian. Department of Sociology and Anthropology, Progress Report SOC 58X. Agricultural Experiment Station, North Carolina State University, 1995.*

PUBLICATIONS AND PAPERS, continued

"White-Nonwhite Fertility Differentials in North Carolina and the United States," with Y. S. Whitehead, Department of Sociology and Anthropology, Progress Report SOC 59. Agricultural Experiment Station, North Carolina State University, 1974.

"North Carolina's People: A Decade of Change," with A. C. Davis and S. C. Mayo. Department of Sociology and Anthropology, North Carolina Agricultural Extension Service, Circular 575 (June), 1974.

"Fertility Behavior in a Tri-Racial, Low-Income, Rural County," with A. C. Davis, R. D. Mustian and P. L. Tobin, Project Report, 190 pp. (NICHD Grant No. HD-05321-02), 1974.

"North Carolina's Elderly Population: A Distributional Analysis," with G. L. Faulkner. Department of Sociology and Anthropology, Progress Report SOC 61. Agricultural Experiment Station, North Carolina State University, 1975.*

"Trends in Infant Mortality, North Carolina: 1940-1970," with Y. S. Brannon. Department of Sociology and Anthropology, Progress Report SOC 62. Agricultural Experiment Station, North Carolina State University, 1975.*

"The Young, The Old, the Mature," with Selz C. Mayo. Department of Sociology and Anthropology, Progress Report SOC 63. Agricultural Experiment Station, North Carolina State University, 1976.

"Recent Population Trends in North Carolina and the Southern Region." Department of Sociology and Anthropology, Progress Report SOC 64. Agricultural Experiment Station, North Carolina State University, 1977.

"White-Nonwhite Mortality Differentials in North Carolina and the United States," with L. Beth Dixon. Department of Sociology and Anthropology, Progress Report SOC 67. Agricultural Experiment Station, North Carolina State University, 1978.*

"A Demographic Profile of Households and Families in North Carolina and the United States: 1960 to 1976," with Y. S. Brannon and J. R. Poindexter. Department of Sociology and Anthropology, Progress Report SOC 72. Agricultural Research Service, North Carolina State University, 1980.*

Book Review - G. V. Fuguitt and P. R. Voss, and J. C. Doherty. Growth and Change in Rural America. Rural Sociology, Vol. 45, No. 2 (Winter), 1980.

Book Review - Daniel M. Johnson and Rex R. Campbell. Black Migration in America: A Social Demographic History. Rural Sociology, Vol. 47, No. 1 (Spring), 1982.

"North Carolina's Changing Population: A Look at Three Decades," with A. C. Davis. Department of Sociology and Anthropology, Report SOC 75. Agricultural Research Service, North Carolina State University, 1983.

"North Carolina Rural Profile," with S. Lilley, S. Curran and K. Dawes. The N.C. Rural Economic Development Center and the N.C. State University Department of Sociology, Anthropology and Social Work. Raleigh, N.C. 32 pp., November, 1988.

"Demographic and Social Trends Affecting NCSU: A Briefing Paper," with Luther B. Otto and Stephen Lilley (prepared for the NCSU Long-Range Planning Committee, Raleigh, North Carolina), July, 1990.

PUBLICATIONS AND PAPERS, continued.

"Public Attitudes Toward Water Quality and Management Alternative's in the Albemarle-Pamlico Estuarine System. (Phase I Report) North Carolina Department of Environment, Health and Natural Resource/EPA, Project No 90-27, 1991.

"Public Attitudes Toward Water Quality and Management Alternative's in the Albemarle-Pamlico Estuarine System. (Phase II Report) North Carolina Department of Environment, Health and Natural Resource/EPA, Project No 92-31, 1992.

"Public Attitudes About Water Quality and Management Alternatives." Forthcoming in Proceedings of Conference on Science in the Nation's Estuaries. Washington, DC: Environmental Protection Agency.

"Wetland Policy Issues," with Jay A. Leitch, Jim Richardson and J. Haney Sather. Ames, Iowa: Council for Agricultural Science and Technology, 47 pp., February, 1994.

"Managing North Carolina's Animal Waste: Challenges and Opportunities," with Thomas J. Hoban. Raleigh, NC: College of Agriculture and Life Sciences, N.C. Agricultural Research Service, and N.C. Cooperative Extension Service. 28 pp., 1995.

"Managing North Carolina's Swine Waste: Challenges and Opportunities," with Thomas J. Hoban. Raleigh, NC: College of Agriculture and Life Sciences, N.C. Agricultural Research Service, and N.C. Cooperative Extension Service. 4 pp., 1995.

"Managing North Carolina's Poultry Waste: Challenges and Opportunities." with Thomas J. Hoban. Raleigh, NC: College of Agriculture and Life Sciences, N.C. Agricultural Research Service, and N.C. Cooperative Extension Service. 4 pp., 1995.

"Managing North Carolina's Cattle Waste: Challenges and Opportunities," with Thomas J. Hoban. Raleigh, NC: College of Agriculture and Life Sciences, N.C. Agricultural Research Service, and N.C. Cooperative Extension Service. 4 pp., 1995.

"Livestock Waste Management in North Carolina: Challenges and Opportunities," with Thomas J. Hoban. NWQEP Notes, NCCES, NC State University, Number 83, 1997.

"Societal Expectations and Social Consequences Relative to Odor and Its Control," with Thomas J. Hoban, Susan S. Schiffman, and Michael D. Schulman. NC State University, Department of Sociology and Anthropology. 20pp., 1998.

"Public Perceptions of Pollution in the Coastal Zone," with Thomas J. Hoban and Yevonne Brannon. In Coastal Zone 99. Boston, MA: University of Mass. Pp. 484-486, 1999.

"North Carolina Coastal Recreational Fishing License Survey: Final Report," with Thomas J. Hoban. Raleigh, NC: NC State University. 70 pp., 1999.*

"Landowners' Knowledge, Attitudes, and Behavior in the Neuse River Watershed: Final Report," with Thomas J. Hoban. Raleigh, NC: NC State University. 94 pp., 1999.

"Impressions: A Survey of North Carolinians' Views on Agriculture and NC State University," with Thomas J. Hoban. Raleigh, NC: NC State University. 24 pp., 1999

PUBLICATIONS AND PAPERS, continued

"North Carolina Coastal Recreational Fishing License Survey 1998," with Thomas J. Hoban, John Whitehead, and Ron McPherson. Final report for Project No. 98-FEG-40 submitted to NC Sea Grant Program. August, 1999.

"Impact of Exploratory Off-shore Drilling: Perceptions of North Carolina Coastal Communities: Final Report," with Jack F. Thigpen, Vernon Kelly, Cynthia Wright and Thomas J. Hoban. Raleigh, NC: NC Department of Environment and Natural Resources, Division of Coastal Management. 56pp., 2000.

"Vitamin A Fortification of Peanut Butter in the Philippines: Socioeconomic Impacts on Families," with F. Galvez, L. Francisco, R. Moxley, L. Palomar, M. Aquino and K. Jicha. Final report for P-CRSP grant No. RC710-013/4092104 submitted to the University of Georgia P-CRSP Management Program Office, Griffin, Georgia, September, 2004.

"NC Farm Operators' Adoption of Nutrient Management Practices," with Thomas J. Hoban and Alyssa Wittenborn. Final report for the NC Division of Water Quality, 319 Grant Contract EW05043, January, 2006.

C. Papers and Professional Presentations (*denotes senior author)

Discussant, Man: His Environment, His Future -- a symposium workshop on the world population crisis at North Carolina State University, 1970.

Panel Member, "Consulting as a Function of the Visiting Sociologist's Program," North Carolina Sociological Association Meetings, 1972.

"Migration Patterns in the Coastal Plains Region of North Carolina." A paper presented to the Exploratory Conference on the Effects of Tobacco Mechanization. Sponsored by the North Carolina Manpower Development Corporation and the U. S. Department of Labor, Raleigh, North Carolina, 1972.

"Multiple-Move Origins, Frequencies, Causes and Their Relation to Community Adjustment," with R. David Mustian. Paper presented at the Proceedings of the Alpha Kappa Delta Sociological Research Symposium, Virginia Commonwealth University, April, 1972.

"Mobility Expectancies for the United States, 1948-1967: Expected Number of Moves in an Individual's Lifetime," with R. David Mustian. A paper read at the annual meetings of the Rural Sociological Society, August, 1973.

"Modern and Traditional Value Orientations and Fertility Behavior in a Rural County," with A. C. Davis, R. D. Mustian and P. L. Tobin. Paper presented at the meetings of the Southern Sociological Society, 1974.*

"Socioeconomic Status and Fertility: Differential Status Consistency and Differential Fertility," with T. J. Blocker, A. C. Davis, R. D. Mustian and P. L. Tobin. Paper presented at the meetings of the Rural Sociological Society, 1974.

PUBLICATIONS AND PAPERS, continued.

"Value of Children and Fertility Behavior in a Tri-Racial, Rural County," with P. L. Tobin, R. D. Mustian and A. C. Davis. Paper presented at the meetings of the Population Association of America, 1974.

"Demographic Implications for Human Survival." Paper presented at the Symposium on Human Survival, Raleigh, North Carolina State University, April, 1977.

"The Changing Concentration of the Elderly: An Aspect of the Nonmetropolitan Population Turnaround," with Glenn V. Fuguitt, Dan Lichter, and Tim B. Heaton. Paper presented at the meetings of the Midwest Sociological Society, St. Paul, Minnesota, 1980.

"Temporal Shifts in the Determinants of Migration in Nonmetropolitan Areas," with Tim B. Heaton and Glenn V. Fuguitt. Paper presented at the meetings of the Population Association of America, Denver, Colorado, 1980.

Panel Member, "Is a Theory of the Turnaround Possible?" Rural Sociological Society meetings, San Francisco, California, 1982.

"The Effect of Community Level Variables on Components of Change in the Non-metropolitan Elderly Population: 1950-1975," with Tim B. Heaton, Glenn V. Fuguitt and Daniel T. Lichter. Paper presented at the Southern Sociological Society annual meetings, Memphis, Tennessee, 1982.*

"Decomposition of the Rural-Urban Mortality Differential for Deaths From All Causes, Heart Disease and Cancer, with Michael K. Miller and C. Shannon Stokes. Paper presented at the annual meetings of the American Rural Health Association, White Haven, Pennsylvania, 1986.

"Rural-Urban Differences in Mortality in the United States, 1970-1980," with Michael K. Miller and C. Shannon Stokes. Paper presented at the annual meetings of the Rural Sociological Society, Salt Lake City, Utah, 1986.*

"Decomposition of the Rural-Urban Mortality Differential for Deaths From All Causes, Heart Disease and Cancer," with Michael K. Miller and C. Shannon Stokes. Paper presented at the annual meetings of the American Rural Health Association, White Haven, PA, 1986.

"Opinion Leaders Attitudes Toward Alternative Coastal Management Strategies," with Thomas J. Hoban. Paper presented at the Third Symposium on Social Science in Resource Management, College Station, Texas, 1990.

"Public Attitudes Toward Water Quality in Coastal North Carolina," with Thomas J. Hoban and Michael Godwin. Paper presented at the annual meeting of the Rural Sociological Society, Norfolk, Virginia, 1990.

"Public Attitudes about Common Property Resources," with Thomas J. Hoban. Paper presented at the annual meetings of the International Association for the Study of Common Property Resources, Durham, North Carolina, 1990.

"Influences on Public Attitudes About Water Quality," with Thomas J. Hoban. Paper presented at the annual meeting of the Southern Rural Sociological Society, Forth Worth, Texas, 1991.

PUBLICATIONS AND PAPERS, continued.

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