

EDUCATION

Ph.D (Demography), Australian National University, 1966

PROFESSIONAL MEMBERSHIPS

1. International Union for the Scientific Study of Population since 1967 (elected).
2. Population Association of America.
3. Canadian Population Society (charter member).
4. Secretary-Treasurer, Canadian Population Society, 1976-1978 (elected).
5. Southern Demographic Association.

RELEVANT EXPERIENCE

Chief, Population Projections Section, Demography Division, Statistics Canada, April 1979 - July 1987; and since January 1990 to December 2000.

Associate Director, Demography Division, Statistics Canada, July 1987 - January 1990.

Adjunct Professor, Department of sociology, University of Alberta, Edmonton, since September 2000.

Adjunct Professor, Department of Sociology, Emory University, Atlanta, since February, 2004.

Part-time Professor of Demography, Department of Sociology, University of Ottawa, Ottawa, 1969 to 1973.

United Nations Expert (Senior Lecturer in Demography), at the faculty of the Cairo Demographic Centre, February 1973 to February 1974. The Cairo Demographic Centre is a regional centre for Middle East and Africa under the United Nations, and the Government of Egypt for training and research in demography.

SELECTED PUBLICATIONS

Monographs and Major Research Reports

1. Population, Family, Household and Labour Force Growth to 1980, by W.M. Illing with technical contributions by Y. Kasahara, F.T. Denton and M.V. George, Staff Study No. 19, Prepared for the Economic Council of Canada, September 1967.

2. Internal Migration in Canada: Demographic Analyses, 1961 Census Monograph, DBS, Queen's Printer, 1970.
3. Population and Labour Force Projections for Alberta, 1970-1985, Human Resources Research Council, Edmonton, 1972 - with K.S. Gnanasekaran.
4. Three chapters: "Population Growth"; "Components of Growth: Mortality, Fertility and Migration"; "Regional Population Growth and Distribution", in Population of Canada: A Review of Recent Patterns and Trends (L.O. Stone and A. Siggner, eds), Prepared for the Committee for International Coordination of National Research in Demography (CICRED), Paris, 1974.
5. Four chapters: "Population Change and Internal Migration in Iraq, 1947-1965" with Riyadh Al-Saadi (Chapter 14); "Trends and Patterns of Urbanization in Iraq" (Chapter 15); "Population Growth and Migration in Lagos, 1911-1963" with A.A. Eigbefoh (Chapter 17); "Urbanization and Migration in Arab Countries - An Overview" with K.S. Seetharam, K.E. Vaidyanathan and A.F. Nassef (Chapter 21) in Urbanization and Migration in Some Arab and African Countries, Research Monograph Series - No. 4, Cairo Demographic Centre, Cairo 1973.
6. Population Growth in Canada. 1971 Census Profile Study, Statistics Canada, 1976.
7. Place of Birth and Citizenship of Canada's Population. 1971 Census Profile Study, Statistics Canada, 1978.
8. Household and Family Projections, Canada, Provinces and Territories 1976-2001, Statistics Canada 91-522 occasional, Ottawa 1981, with K.G. Basavarajappa and J. Perreault.
9. Population Projections for Canada, Provinces and Territories, 1984-2006, Statistics Canada (Catalogue 91-520), Ottawa, 1985 - jointly with J. Perreault.
10. Population Projections of Registered Indians, 1982 to 1996, Indian and Northern Affairs Canada, Ottawa, 1985 – jointly with J. Perreault and L. Paquette.
11. Migration Between the United States and Canada, Joint Study of the U.S. Bureau of the Census and Statistics Canada, P-23, No. 161, Washington, 1990

12. Population Projections of Registered Indians, 1991 to 2015, Indian and Northern Affairs Canada, Ottawa, 1993 - jointly with F. Nault, M.J. Norris, and J. Chen.
13. Population Projections for Canada, Provinces and Territories, 1993-2016 (Catalogue 91-520), Statistics Canada, Ottawa, 1994 - jointly with M.J. Norris, F. Nault, S. Loh and S.Y. Dai.
14. Projections of Visible Minority Population Groups, Canada, Provinces and Regions, 1991-2016, Statistics Canada (Catalogue 91-541-XPE), Ottawa, 1996 - jointly with S.Y. Dai.
15. Projections of Persons with Disabilities Limited at Work/Perception, Canada, Provinces and Territories, 1993-2016 (Catalogue 91-538E), Statistics Canada, Ottawa, 1996 - jointly with Jean-François Michaud and S. Loh.
16. Population Projections for Canada, Provinces, and Territories, 2000 to 2026 (Catalogue 91-520), Statistics Canada, Ottawa, March 2001 - Co-author.

Articles and Book Chapters

1. "The Explosive Population Growth in Kerala", Mathrubhumi Weekly, Kerala, India, January 1960.
2. "Population Policy and the Prospects of Fertility Control in India", AICC Economic Review, New Delhi, January 1960.
3. "Labour Force in Kerala, 1951-66" Asian Economic Review, Hyderabad, Vol. 3, August 1961.
4. "The Mechanism Underlying Differences in Fertility Patterns of Bengalee Women from Three Socio-Economic Groups", The Milbank Memorial Fund Quarterly, Vol. XL, January 1962 - jointly with Dr. C. Chandrasekaran.
5. "A Decade of Unprecedented Population Growth in India", Asian Survey, Berkley, California, Vol.1, February 1962.
6. "Christianity in India", in Hemisphere (R.J. Maguire, ed.), F.W. Cheshire, Sydney, 1964.
7. "A Review of Canada's Recent National Population Projections", Technical

Memorandum,

No. 1 (PEP Series), Census Division, DBS, September 1967.

8. "Mortality Trends in Canada, 1926-1965", Proceedings of the Sydney Conference of the International Union for the Scientific Study of Population, 1967.
9. "Revised Population Projections for Canada Using 1966 Census Data", Technical Memorandum, No. 2 (PEP Series) - with K.S. Gnanasekaran.
10. "Estimation of Interprovincial Migration in Canada from Place of Birth by Residence Data, 1951-1961", Demography, Vol. 8, Number 1, February 1971.
11. "Recent Trends in Population Growth in Canada with Special Reference to the Declining Fertility", Special article for the Canada Year Book, 1970.
12. "Demography: A Growing Multidisciplinary Science", in Studies in Demography, George Allen and Unwin Ltd., London, 1970.
13. "Interprovincial Migration Streams in Quebec and Ontario, 1956-1961", Analytical and Technical Memorandum, No. 8, Census Branch, Statistics Canada, Ottawa, August 1973 - jointly with Mr. M. Amyot.
14. "Proposals for Migration Research Using 1971 Census Data", Working Paper (Demographic and Socio-Economic Series) No. 17E, Census Field, Statistics Canada, July 1973 - jointly with L.W. St. John-Jones.
15. "Vital Rates for Canadian Indians, 1960-1968", Demography, Vol. 10, No. 3, August 1973 - jointly with V. Pitché.
16. "Growth of Households and Families in Canada in the 1980's and 1990's", Canadian Statistical Review, October 1982, with J. Perreault.
17. "The Future Growth and Structure of Canada's Population: Results and Implications for Some Demographic Simulations", Demographic Trends and Their Impact on the Canadian Labour Market, Statistics Canada and Employment and Immigration Canada (Catalogue 8-U200-501), November 1981, with K.G. Basavarajappa.
18. "Towards Achieving Numerical and Methodological Consistency in Developing National and Provincial Projections: Canada's Experience", Canadian Studies in Population, Vol. 10, 1983.

19. Report on International Conference of Population, Mexico City, August 6-14, 1984", Newsletter of the Canadian Population Society 10(1), Fall 1984.
20. "Demographic Adjustments of Immigrants", Outline of Session 1.10, IUSSP, May 1988.
21. "IUSSP XXIst General Conference, Session 1.10 on Demographic Adjustments of Immigrants, New Delhi, September 1989". (Summary of papers) International Migration, Vol. 28, No. 2, March 1990.
22. "Immigrant Fertility Patterns in Canada, 1961-1986". International Migration, Vol. 28, No. 4, 1990 - with Bali Ram.
23. "Methodological Issues in the Projection of Households and Families in Canada", Statistical Journal of the United Nations Economic Commission for Europe, vol. 6, no. 4, December 1989 with J. Perreault.
24. "Effects of Fertility and International Migration on the Changing Age Composition in Canada". Statistical Journal of the United Nations Economic Commission for Europe, vol. 8, 1991 with F. Nault and A. Romaniuc.
25. "Methods of External Migration Projections and Forecasts". In National Forecasting in Industrialized Countries (edited by N. Keilman and H. Crujisen), NIDI and Netherlands Central Bureau of Statistics, The Hague Swets & Lettunger Inc. Bernyn, PA, 1992 - with J. Perreault.
26. "Projecting Households and Families in Canada by the Headship Rate Method". In Methodology for Population Studies and Development. Sage Publications India Private Limited, New Delhi, 1993 - with J. Perreault.
27. "Statistics Canada's Methodology for Projections of Population, Households and Families", Futures Research in Government - Part IV, Forecasting Methods in the Government Theory, Methodology and Results, Interdepartmental Committee on Futures and Forecasting (ICFF, National Defence), Ottawa , February 1994.
28. "Visible Minority Fertility in Canada, 1981-1986", Genus, Vol. 52, No. 1-2, 1996.
29. "Current Approaches for Estimating and Projecting Sub-national Populations in Canada"

International Population Conference, Beijing, 1997, Vol.3, International Union for the Scientific study of Population, Liège.

30. “Population Forecasting in Canada: Conceptual and Methodological Developments”, Canadian Studies in Population, Vol.28 (1), 2001.
31. “Chapter 21: Population Projections”, Methods and Materials in Demography (editors, J. Siegel and D. A. Swanson), Academic Press (forthcoming) - with D.A. Swanson, S. K. Smith, and J. Tayman.