## Women in Statistics in Canada

## A Timeline of Firsts for Women in Statistics in Canada

## 1945 -**Agatha Louisa Chapman** contributes to the first United Nations Sub-Committee on National Income Statistics. Universal Declaration of Human Rights. Formation of the Montreal Chapter of the American Statistical Association. 1948 The Female Employees Equal Pay Act made wage discrimination based on gender against the law. First Nations women and men granted the right to vote no matter where they live and without giving up their status. The University of Manitoba forms Canada's first Department of Statistics. Formation of the Southern Ontario and Ottawa Chapters of the American Statistical Association. 1955 **Isobel Loutit** becomes Chair of the Montreal Section of the American Society for Quality Control. 1956 The Royal Commission on the Status of Women in Canada details discrimination and barriers faced by women across Canada. Maternity benefits added to unemployment insurance. 1960 Letters Patent issued to the "Statistical Science Association of Canada / Association canadienne de science statistique". The Canadian Journal of Statistics is created. Dr. Sylvia Ostry becomes Chief Statistician at Statistics Canada. Formation of the Canadian Statistical Society. Dr. Audrey Duthie and Dr. Kathleen Kocherlakota join the Board of Directors of the Statistical Science Association of Canada. 1967 The Canadian Human Rights Act was passed, prohibiting discrimination on the basis of sex, and ensuring equal pay for work of equal value. 1968 1969 Merger of the Canadian Statistical Society and the Statistical Science Association of Canada into the Statistical Society of Canada. 1970 The Canada Labour Code was amended to eliminate pregnancy as a basis for lay-off or dismissal. 1971 Dr. Estella Bee Dagum receives the inaugural award of the Julius Shiskin Memorial Award for Economic Statistics, given by the Business and Economic Statistics 1972 Section of the American Statistical Association. Canadian Human Rights Act was amended to prohibit sexual harassment and to ban discrimination on the basis of pregnancy and family or marital status. 1974 1975The Employment Equity Act was introduced, aimed at redressing historic and systemic discrimination of target group populations. Nicole P.-Gendreau becomes inaugural editor of the SSC Liaison newsletter. 1977 1978 Dr. Priscilla E. (Cindy) Greenwood receives a grant of \$500,000 from the Peter Wall Institute of Advanced Studies. **Dr. Maureen Tingley** is recognized with the Pierre Robillard award for her PhD thesis: "Robust Confidence Intervals". 1980 **Dr. Judy-Anne Chapman** spearheads and leads the formation of the Biostatistics Section, the first Section of the SSC **Dr. Constance van Eeden** is awarded the Gold medal of the Statistical Society of Canada. 1983 **Dr. Agnes Herzberg** becomes President of the Statistical Society of Canada. Dr. Brenda MacGibbon becomes Chair of the Statistical Sciences Grant Selection Committee of the Natural Sciences and Engineering Research Council of Canada. 1986 1987 **Dr. Nancy Reid** is awarded the COPSS Presidents' Award by the for outstanding contributions to the profession. **Dr. Lise Manchester** is awarded the Canadian Journal of Statistics award the paper "A technique for comparing graphical methods". 1989 1990 The SSC establishes its Women in Statistics Committee. Dr. Agnes Herzberg receives SSC Distinguished service award. 1992 Dr. Colleen Cutler is awarded the CRM-SSC Prize in Statistics for her outstanding contributions to the theory and methodology of dynamical systems, fractal dimensions, and nonlinear time series. **Dr. Charmaine Dean** becomes the Founding Chair of the Department of Statistics and Actuarial Science at Simon Fraser University. Dr. Jane F. Gentleman receives Janet L. Norwood Award for Outstanding Achievement by a Woman in the Statistical Sciences. 1997 The National Program on Complex Data Structures launches. 1999 Dr. Nadia Ghazzali becomes Deputy Vice-President of Research at Université Laval. Dr. Judy-Anne Chapman becomes the inaugural Chair of the SSC's Accreditation Committee. 2001 2002 Dr. Barbara Keyfitz becomes Director of the Fields Institute. 2003 **Dr. Agnes Herzberg** is awarded SSC Honorary Membership for exceptional contributions to the development of the discipline. 2004 The Lise Manchester Award was established, recognizing excellence in state-of-the-art statistical work which considers problems of public interest and which is potentially useful for formation of Canadian public policy. Prime Minister Stephen Harper issues a statement of apology to former students of Residential Schools in Canada for the harm caused by assimilationist goals, abuse, and 2007 cultural loss. 2008 The National Institute for Complex Data Structures obtains funding for one final year. 2009 **Dr. Gail Ivanoff** becomes Group Chair of the Mathematical and Statistical Sciences Evaluation Group at NSERC. Canadian Statistical Science Institute (CANSSI) is launched. 2012 **Dr. Mary Thompson** becomes the inaugural Scientific Director of Canadian Statistical Science Institute (CANSSI). 2014 Dr. Nadia Ghazzali becomes President of Université du Québec à Trois-Rivières. **Dr. Nancy Reid** receives the order of Canada. 2016 The Inquiry into Missing and Murdered Indigenous Women and Girls is launched in response to calls for action from families, communities, and organizations. 2018 Dr. Sevgui Erman founds the Data Science Accelerator at Statistics Canada. 2020 **Dr. Maryam Haghighi** becomes the founding Director of Data Science at the Bank of Canada.

The SSC establishes its Committee on Equity, Diversity and Inclusion.

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