## 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.
1948	Formation of the Montreal Chapter of the American Statistical Association.
	The female 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.
$ \begin{array}{c c} 1955 \\ \hline 1956 \end{array} $	Isobel Loutit becomes Chair of the Montreal Section of the American Society for Quality Control.
	- Royal Commission on the Status of Women detailing 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".
	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 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	- 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
	Section of the American Statistical Association.  - CHRA was amended to prohibit sexual harassment and to ban discrimination on the basis of pregnancy and family or marital status.
1974 ////////////////////////////////////	The federal Employment Equity Act was introduced, aimed at redressing historic and systemic discrimination of target group populations.
	Nicole PGendreau becomes inaugural editor of the SSC Liaison newsletter.
1977	Dr. Priscilla E. (Cindy) Greenwood receives a grant of \$500,000 from the Peter Wall Institute of Advanced Studies.
1000	Dr. Maureen Tingley is recognized with the Pierre Robillard award for her PhD thesis.
1980	Dr. Judy-Anne Chapman spearheads and leads the formation of the Biostatistics Section, the first Section of the SSC
1000	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.
1000	Dr. Brenda MacGibbon becomes Chair of the NSERC Statistical Sciences Grant Selection Committee.
1986 ////////////////////////////////////	Dr. Nancy Reid is awarded the COPSS Presidents' Award by the Committee of Presidents of Statistical Societies for outstanding contributions to the profession.
1000	Dr. Lise Manchester is awarded the Canadian Journal of Statistics award for best paper for "A technique for comparing graphical methods".
1989	The SSC establishes its Women in Statistics Committee.
1991 1992	Dr. Agnes Herzberg receives SSC Distinguished service award.
1992	Dr. Colleen Cutler is awarded the CRM-SSC Prize in recognition of professional accomplishments in research during the first fifteen years after earning a doctorate.
	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.
2001	Dr. Judy-Anne Chapman becomes the inaugural Chair of the SSC's Accreditation Committee
2001	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 on problems of public interest with potential use in Canadian
2007	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
2008	cultural loss.  The National Program on Complex Data Structures ends an extraordinarily successful 5 years.
2009	The National Institute for Complex Data Structures obtains funding for one year.
	Dr. Gail Ivanoff becomes Group Chair of the Mathematical and Statistical Sciences Evaluation Group at NSERC.
2012	- Canadian Statistical Science Institute (CANSSI) is launched.
2014	Dr. Mary Thompson becomes the inaugural Scientific Director of Canadian Statistical Science Institute (CANSSI).
2016	Dr. Nadia Ghazzali becomes President of Université du Québec à Trois-Rivières.
	Dr. Nancy Reid receives the order of Canada.
2018	- An Inquiry into Missing and Murdered Indigenous Women and Girls is launched in response to calls for action from families, communities, and organizations.
2020	Dr. Sevgui Erman founds the Data Science Accelerator at Statistics Canada.
	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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