## 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.
$\begin{array}{c c} 1955 \\ 1956 \end{array}$	- 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.
1007	- 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.
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.
1972	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.
1974	- CHRA was amended to prohibit sexual harassment and to ban discrimination on the basis of pregnancy and family or marital status.
1975	The federal Employment Equity Act was introduced, aimed at redressing historic and systemic discrimination of target group populations.
$1977 \left  \frac{1}{2} \right $	Nicole PGendreau becomes inaugural editor of the SSC Liaison newsletter.
1978	- Dr. Priscilla E. (Cindy) Greenwood receives a grant of \$500,000 from the Peter Wall Institute of Advanced Studies.
1980	<b>Dr. Maureen Tingley</b> is recognized with the Pierre Robillard award for her PhD thesis.
	- Dr. Judy-Anne Chapman spearheads and leads the formation of the Biostatistics Section, the first Section of the SSC
1983	- Dr. Constance van Eeden is awarded the Gold medal of the Statistical Society of Canada.
	- Dr. Agnes Herzberg becomes President of the Statistical Society of Canada.
1986	- Dr. Brenda MacGibbon becomes Chair of the NSERC Statistical Sciences Grant Selection Committee.
1987	- Dr. Nancy Reid is awarded the COPSS Presidents' Award by the Committee of Presidents of Statistical Societies for outstanding contributions to the profession.
1989 ////	- Dr. Lise Manchester is awarded the Canadian Journal of Statistics award for best paper for "A technique for comparing graphical methods".
1991	The SSC establishes its Women in Statistics Committee.
1992	- Dr. Agnes Herzberg receives SSC Distinguished service award.
	- 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.
1997	- Dr. Jane F. Gentleman receives Janet L. Norwood Award for Outstanding Achievement by a Woman in the Statistical Sciences.  The National Browner on Complex Data Structures laurelyes
1999	- The National Program on Complex Data Structures launches. - <b>Dr. Nadia Ghazzali</b> 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 / / / 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 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.
	- <b>Dr. Gail Ivanoff</b> becomes Group Chair of the Mathematical and Statistical Sciences Evaluation Group at NSERC.
2012	- Canadian Statistical Science Institute (CANSSI) is launched.
2014	- <b>Dr. Mary Thompson</b> becomes the inaugural Scientific Director of Canadian Statistical Science Institute (CANSSI).
2016	- <b>Dr. Nadia Ghazzali</b> becomes President of Université du Québec à Trois-Rivières.
2010	- 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
	- The SSC establishes its Committee on Equity, Diversity and Inclusion.

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