## Women in Statistics in Canada

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

## Universal Declaration of Human Rights 1944 - Formation of the Montreal Chapter of the American Statistical Association 1948 The female pay act made wage discrimination based on gender against the law Voting rights inclusive of gender, race, and heritage 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 1956 **Dr. Isobel Loutit** became chair of the Montreal Section of the American Society for Quality Control (ASQC) Royal Commission on the Status of Women detailing discrimination and barriers faced by women across Canada 1960 Maternity benefits added to unemployment insurance. Letters Patent issued to the "Statistical Science Association of Canada / Association canadienne de science statistique" Canadian Journal of Statistics is created **Dr. Sylvia Ostry** is the first female Chief Statistician of Canada 1967 Dr. Audrey Duthie and Dr. Kathleen Kocherlakota are the first women to be elected to the Board of Directors of the Statistical Science Association of Canada, 1968 1969 a predecessor to the Statistical Society of Canada (SSC) 1970 The Canadian Human Rights Act (CHRA) was passed, prohibiting discrimination on the basis of sex, and ensuring equal pay for work of equal value. 1971 1972 Formation of the Statistical Society of Canada Dr. Priscila E. (Cindy) Greenwood is awarded a grant of \$50,000 from the Peter Wall Institute of Advanced Studies 1975 The Canada Labour Code was amended to eliminate pregnancy as a basis for lay-off or dismissal. 1977 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. 1980 The CHRA was amended to prohibit sexual harassment and to ban discrimination on the basis of pregnancy and family or marital status. The federal Employment Equity Act was introduced, aimed at redressing historic and systemic discrimination of target group populations. 1983 Dr. Maureen Tingley is the first female to win Pierre Robillard award 1986 1987 **Dr. Constance van Eeden** is the first woman to receive the Gold medal of the Statistical Society of Canada. **Dr. Agnes Herzberg** is the first female president of the Statistical Society of Canada. 1990 **Dr. Brenda MacGibbon** is the first woman to be the Chair of the NSERC Statistical Sciences Grant Selection Committee. 1992 **Dr. Nancy Reid** is the first statistician working in Canada to receive the COPSS Presidents' Award. **Dr. Lise Manchester** is awarded the Canadian Journal of Statistics award or best paper. **Dr. Agnes Herzberg** is the first woman recipient of the SSC Distinguished service award. 1999 **Dr. Colleen Cutler** is the first woman to be awarded the CRM-SCC Prize. 2001 Dr. Nadia Ghazzali was the first women statistician, Arab, African and Muslim Deputy Vice-president of research at Université Laval 2002 Dr. Jane F. Gentleman wins the first annual Janet L. Norwood Award for Outstanding Achievement by a Woman in the Statistical Sciences. 2004 Dr. Barbara Keyfitz becomes the first female Director of the Fields Institute. 2007 **Dr. Agnes Herzberg** is the first female to be presented with an SSC Honorary award. 2008 2009 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 cultural loss. **Dr. Gail Ivanoff** is the first female to be presented with an SSC Honorary award. 2012 **Dr. Mary Thompson** is the first scientific director of Canadian Statistical Science Institute CANSSI. 2014 2015 +**Dr. Nancy Reid** became the first female Canadian statistician to receive the order of Canada. 2016 +Dr. Nadia Ghazzali was the first female statistician, Arab and African (including Magreb) president of university in Canada, at Université du Québec à Trois-Rivières

An Inquiry into Missing and Murdered Indigenous Women and Girls is launched in response to calls for action from families, communities, and organizations

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