

# FIRSTS FOR WOMEN IN STATISTICS IN CANADA

## LEGENDS

- Women's Accomplishments in Statistics
- Laws and Policies Promoting Women's Rights
- Advancements in the Field of Statistics

1945



**Agatha Louisa Chapman** contributes to the first United Nations Sub-Committee on National Income Statistics

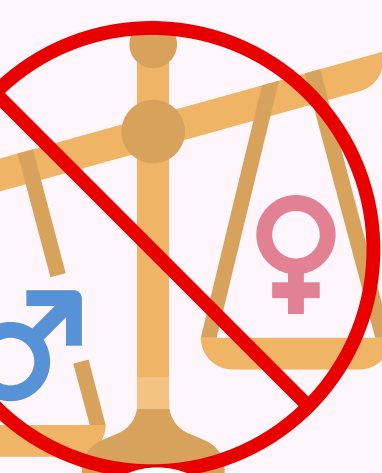
1948

Universal Declaration of Human Rights



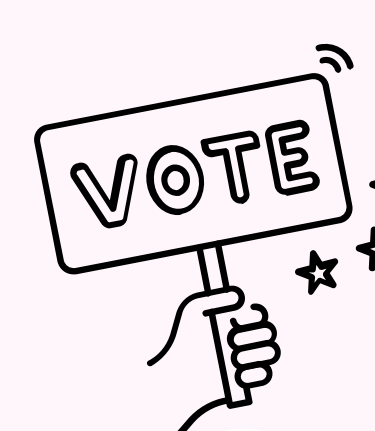
1955

Formation of the Montreal Chapter of the American Statistical Association



1956

The female pay act made wage discrimination based on gender against the law



1960

First Nations women and men granted the right to vote no matter where they live and without giving up their status



Faculty of Science  
Department of Statistics



1968

Formation of the Southern Ontario and Ottawa Chapters of the American Statistical Association

1975



**Drs. Audrey Duthie and Kathleen Kocherlakota** join the Board of Directors of the Statistical Science Association of Canada

1974

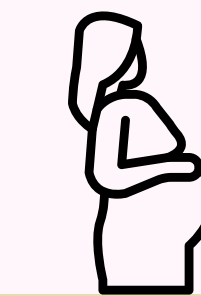
Formation of the Canadian Statistical Society



1972



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



1971

Maternity benefits added to unemployment insurance



1970

Royal Commission on the Status of Women detailing discrimination and barriers faced by women across Canada



1969

**Isobel Loutit** becomes Chair of the Montreal Section of the American Society for Quality Control

1977

The Canadian Human Rights Act was passed, prohibiting discrimination on the basis of sex, and ensuring equal pay for work of equal value

Merger of the Canadian Statistical Society and the Statistical Science Association of Canada into the Statistical Society of Canada

1978

The Canada Labour Code was amended to eliminate pregnancy as a basis for lay-off or dismissal



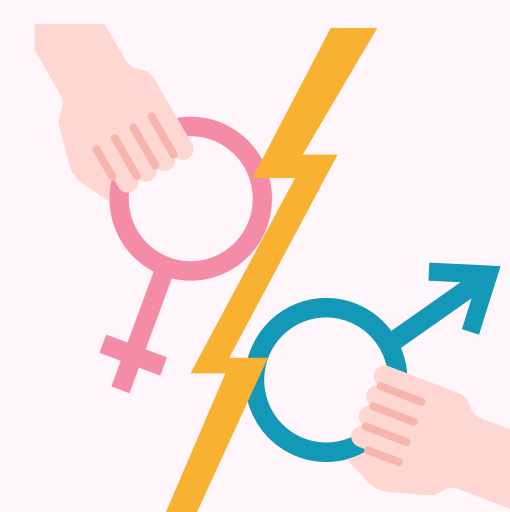
1980



**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

1983

The Canadian Human Rights Act was amended to prohibit sexual harassment and to ban discrimination on the basis of pregnancy and family or marital status

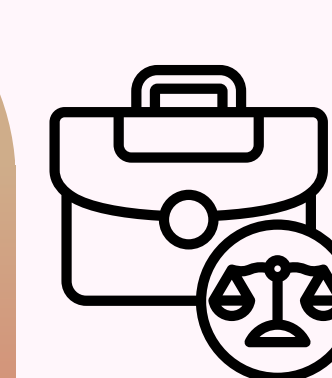


The federal Employment Equity Act was introduced, aimed at redressing historic and systemic discrimination of target group populations

**Nicole P.-Gendreau** becomes inaugural editor of the SSC Liaison newsletter  
**Dr. Priscilla E. (Cindy) Greenwood** receives a grant of \$500,000 from the Peter Wall Institute of Advanced Studies



1986



1992



**Dr. Brenda MacGibbon** becomes Chair of the NSERC Statistical Sciences Grant Selection Committee  
**Dr. Nancy Reid** is awarded the COPSS Presidents' Award by the Committee of Presidents of Statistical Societies for outstanding contributions to the profession  
**Dr. Lise Manchester** is awarded the Canadian Journal of Statistics award for best paper for "A technique for comparing graphical methods"

1991

**Dr. Agnes Herzberg** becomes President of the Statistical Society of Canada



1990



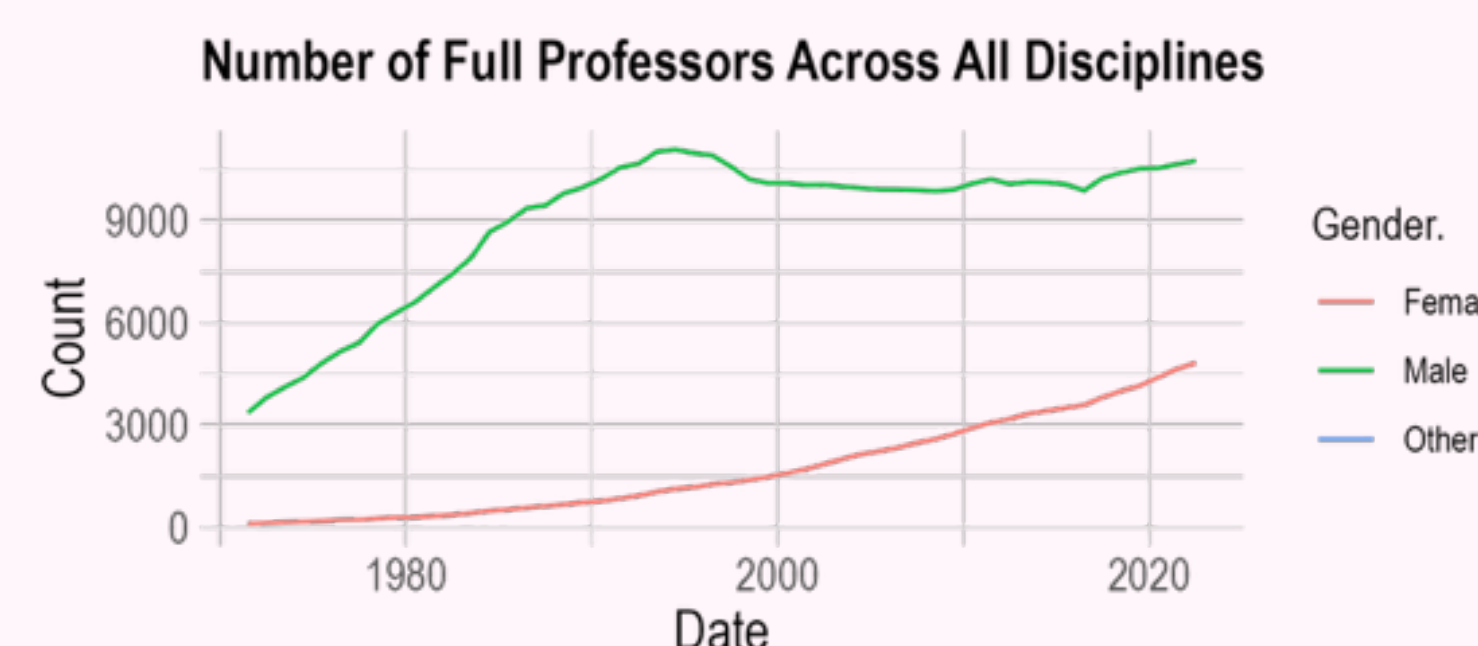
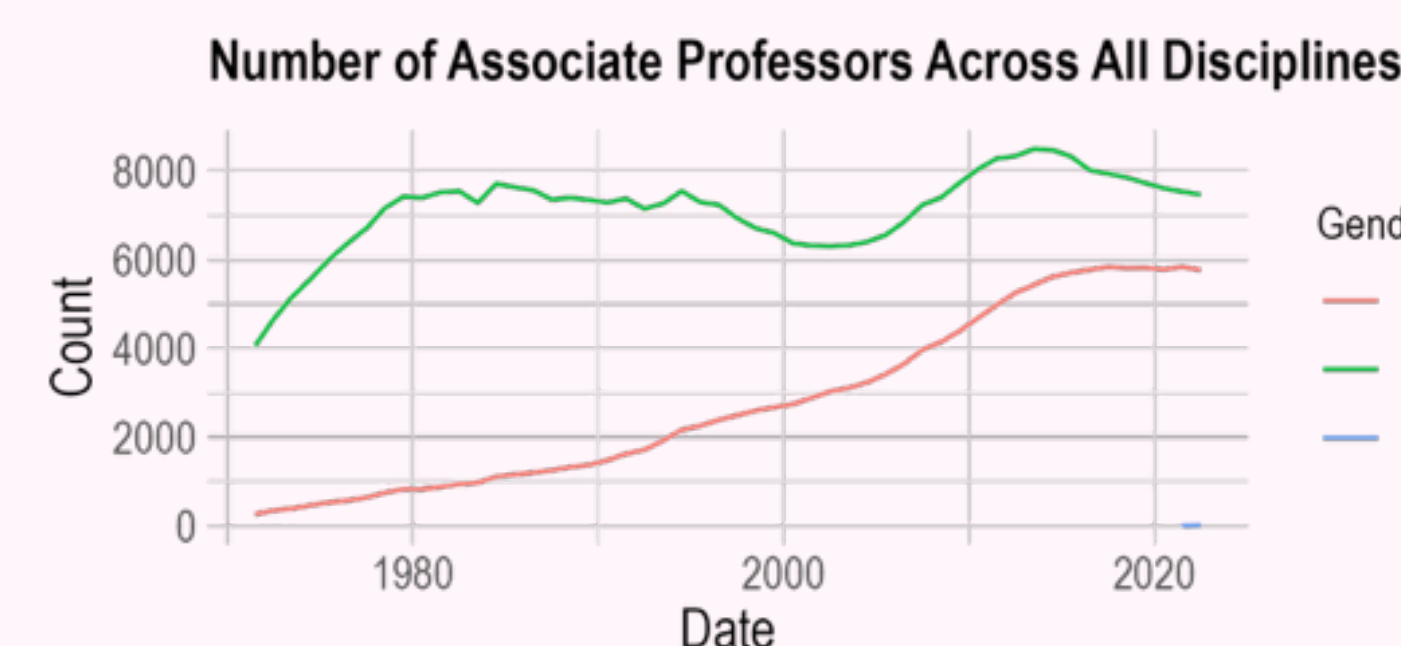
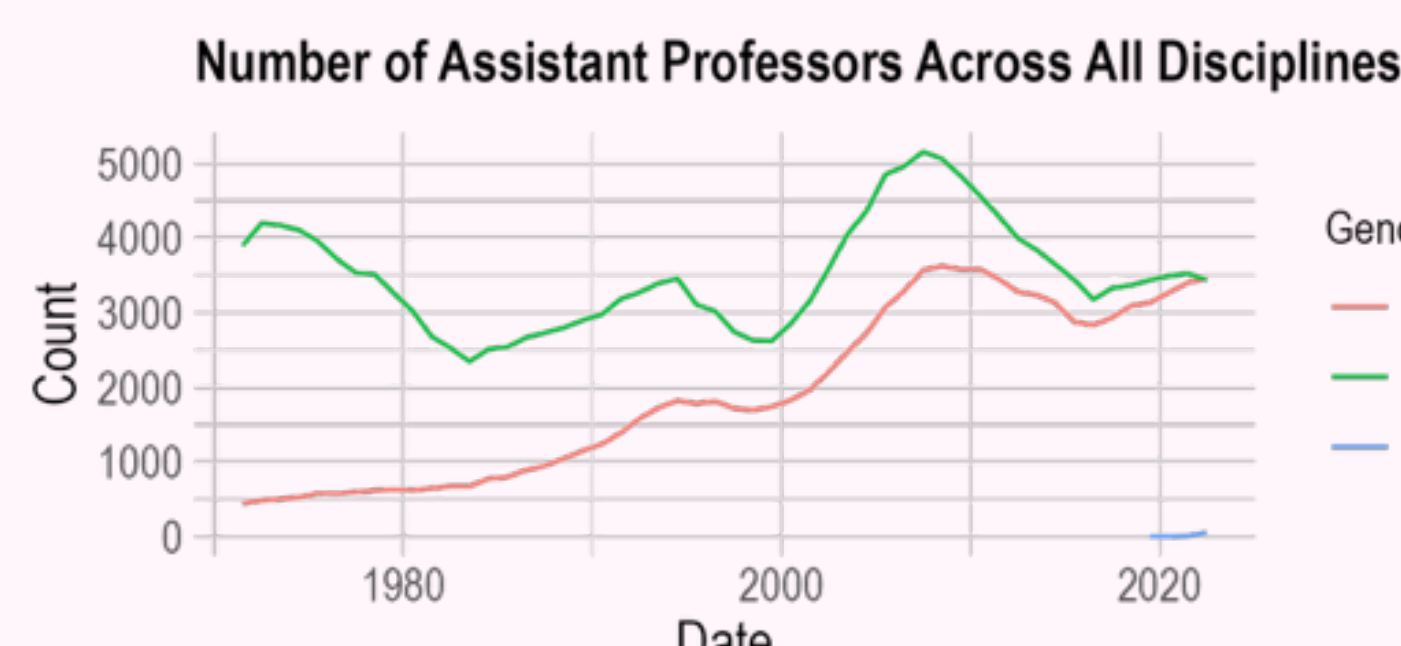
**Dr. Constance van Eeden** is awarded the Gold medal of the Statistical Society of Canada

1989

**Dr. Judy-Anne Chapman** spearheads and leads the formation of the Biostatistics Section, the first Section of the SSC

1987

**Dr. Maureen Tingley** is recognized with the Pierre Robillard award for her PhD thesis



1999

1997

The SSC establishes its Women in Statistics Committee

**Dr. Agnes Herzberg** receives SSC Distinguished service award

2001



**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

2002



**Dr. Jane F. Gentleman** receives Janet L. Norwood Award for Outstanding Achievement by a Woman in the Statistical Sciences  
The National Program on Complex Data Structures launches

2003

**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

2004

**Dr. Barbara Keyfitz** becomes Director of the Fields Institute for Research in Mathematical Sciences

506

MMIWG cases were identified across 71 selected urban cities

128

were cases of missing Indigenous women

280

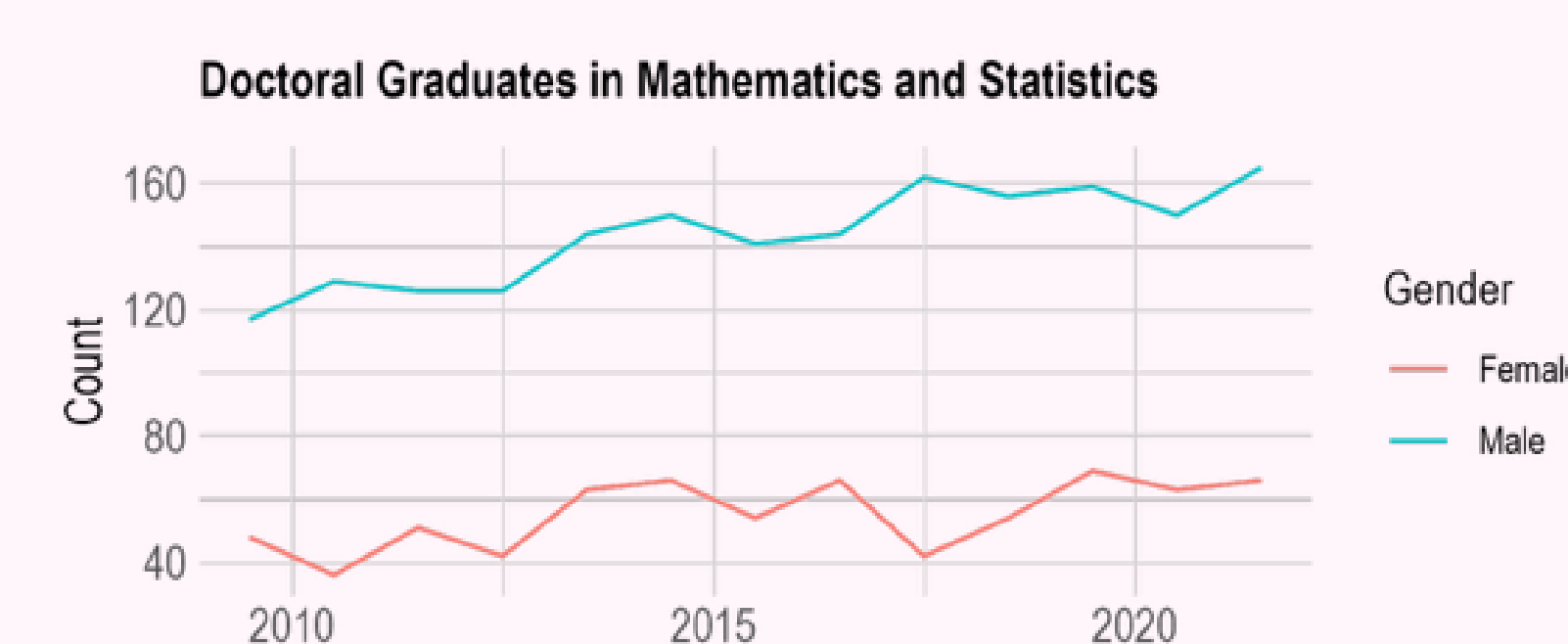
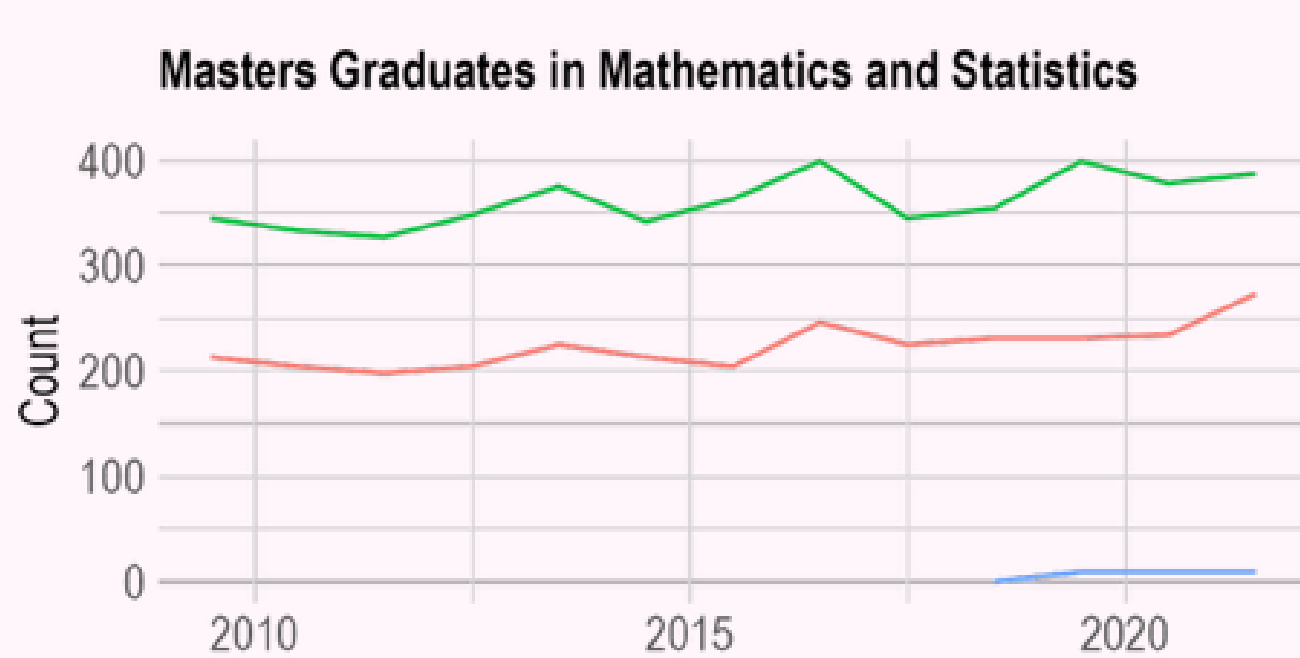
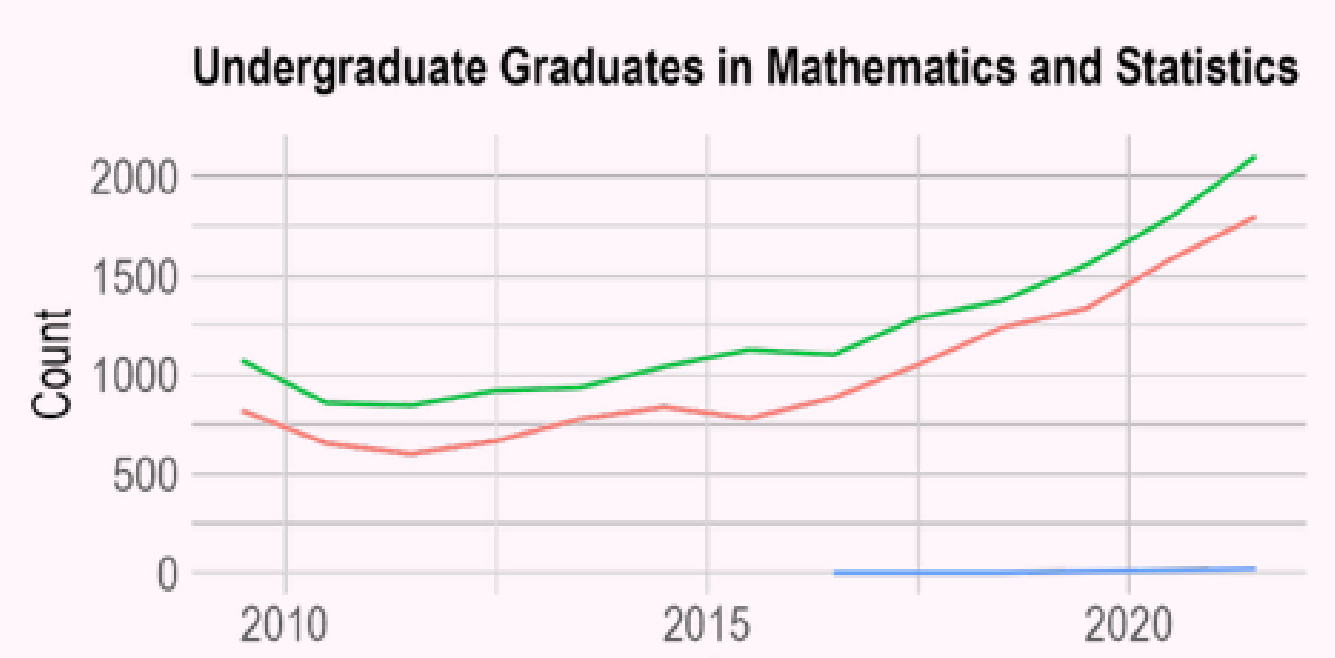
were cases of murdered Indigenous women

98

were cases with an "unknown status"

29

The median age of MMIWG victims



2014



**Dr. Nancy Reid** receives the order of Canada



2012



The Canadian Statistical Science Institute (CANSSI) is launched  
**Dr. Mary Thompson** becomes the inaugural Scientific Director of CANSSI  
**Dr. Nadia Ghazzali** becomes President of Université du Québec à Trois-Rivières

2009

The National Institute for Complex Data Structures obtains funding for one year

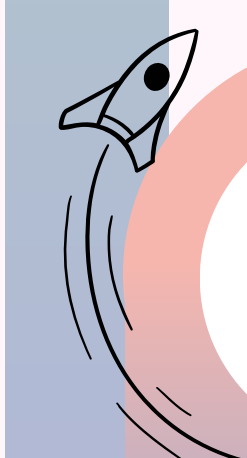


2008

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. Agnes Herzberg** is awarded SSC Honorary Membership for exceptional contributions to the development of the discipline  
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 public policy

2018



**Dr. Sevgi Erman** established 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

2023

**Dr. Alison Gibbs** is the first person to win the SSC Distinguished Educator Award  
**Dr. Tiffany Timbers** is the first person to win the Early Career Educator Award

THIS PROJECT WAS SUPPORTED BY

