



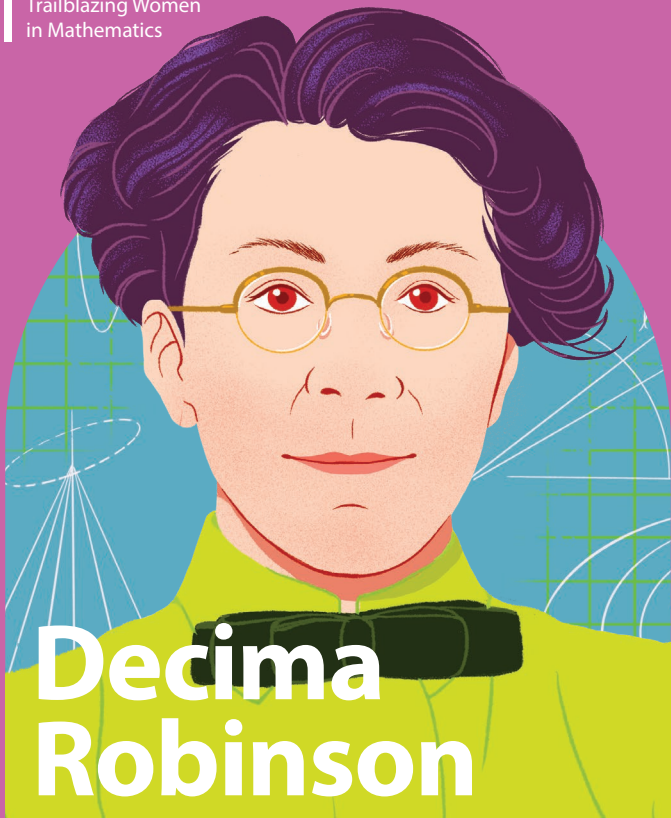
Dr. Charmaine Dean, born in Trinidad & Tobago, is Vice-President, Researcher and Professor in the Department of Statistics and Actuarial Science at the University of Waterloo. Her research is motivated by real applications to important practical problems in biostatistics and ecology, and she is currently looking at mapping disease and mortality rates, survival after coronary artery bypass surgery, forest ecology, fire management, flood analysis, just to list a few. She has won several awards including the CRM-SSC Prize in Statistics (2003) and the Trinidad & Tobago Canadian High Commission Award (2012).

To learn more about other trailblazing women in science, technology, engineering and math (STEM), visit uab.ca/twis.



WISEST's mission is to advance diversity while empowering women in STEM. For more information, visit: www.uab.ca/wisest.

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Decima Robinson

Decima Robinson was the first ever Bachelor of Science graduate at the University of Alberta when she received her degree in mathematics in 1911. She was born in Brighton, England and emigrated to Edmonton with her parents as a child. She was one of three undergraduate students, and the only woman, to receive advanced standing in her graduating class. She passed away in 1962. In 2011, a support centre at the University of Alberta was named after her to help aid students in mathematical and statistical sciences.

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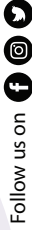


Dr. Diana White, originally from Newfoundland, Canada is an Assistant Professor at Clarkson University in Mathematical Biology and longtime volunteer of WISEST. She sits as a member of WIMB (Women in Mathematical Biology) where she supports women as they advance their careers as Mathematical biologists. In her research, she uses analytical and numerical techniques to help understand biological problems such as cancer treatments, body weight change, liver metabolism, and most recently, biological invasions of aquatic species.

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Lei Sun

Dr. Lei Sun, born in China, is a genetics statistician and Professor of Biostatistics of Dalla Lana School of Public Health and the Department of Statistical Sciences at the University of Toronto. She develops statistical methods and computational tools to solve problems arising from genetic studies of complex human traits such as cystic fibrosis and diabetes. She won the prestigious CRM-SSC Prize in Statistics in 2017 recognizing her professional accomplishments within the first fifteen years of earning her doctorate.

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Malabika Pramanik

Dr. Malabika Pramanik, born in West Bengal, India, is a Professor of Mathematics at the University of British Columbia and has won numerous awards including the Ruth I. Michler Memorial Prize (2015), and the Krieger-Nelson Prize (2016) which recognizes her incredible contributions to the field of math. She studies harmonic analysis, complex variables and partial differential equations. In addition to her research, she is a huge advocate for diversity and inclusion through her involvement with the Canadian Mathematical Society, and the Pacific Institute for Mathematical Sciences.

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