

BIOSKETCH

PIERRE L'ECUYER is a Professor in the Département d'Informatique et de Recherche Opérationnelle at the Université de Montréal, since 1990. He held a Canada Research Chair in Stochastic Simulation and Optimization for 2004–2017 and an Inria International Chair (at Inria-Rennes, France) for 2013–2018. He was a professor in the Département d'Informatique at Université Laval (Québec) from 1983 to 1990. He is a member of the CIRRELT and GERAD research centers, in Montreal.

He has published about 299 scientific articles, book chapters, and books in various areas, including random number generation, quasi-Monte Carlo methods, efficiency improvement in simulation, sensitivity analysis and optimization for discrete-event simulation models, simulation software, stochastic dynamic programming, and applications in finance, manufacturing, telecommunications, reliability, and management of service systems. He developed software libraries and systems for the theoretical and empirical analysis of random number generators and quasi-Monte Carlo point sets, and for general discrete-event simulation. He gave about 397 presentations at conferences and at research centers and universities (including several keynote and invited plenary talks, excluding presentations of papers published in conferences with proceedings). According to Google Scholar, as of March 11, 2025, there are 19,805 citations to his work, with an H-index of 73 and an I10 index of 219. He has supervised 23 postdoctoral fellows and 54 Ph.D. and master students have graduated under his guidance.

He has been a referee for 177 different scientific journals, past Editor-in-Chief for the *ACM Transactions on Modeling and Computer Simulation*, and Area or Associate Editor for seven different journals.

He obtained the INFORMS Simulation Society Lifetime Professional Achievement Award in 2020, Computer Science Canada Lifetime Achievement Award in 2019, ACM SIGSIM Distinguished Contributions Award in 2016, Canadian Operational Research Society Award of Merit in 2014, the INFORMS Simulation Society Distinguished Service Award in 2011, the INFORMS Simulation Society Outstanding Research Publication Award three times, in 1999, 2009, and 2018, a *Killam* Research Fellowship in 2001–03, the *Urgel-Archambault* Prize from ACFAS in 2002, *Steacie* Fellowship from NSERC-Canada in 1995–97, and was elected *INFORMS Fellow* in 2006.

He is a competitive cyclist in road racing, with four titles of Canadian champion and eleven titles of Québec champion.

A more detailed CV can be found on his web page: <https://www-labs.iro.umontreal.ca/~lecuyer>.

March 11, 2025