

2025 CAP MEDAL RECIPIENTS / LAURÉATS DES MÉDAILLES DE L'ACP DE 2025

The CAP is very pleased to recognize its 2025 medal recipients. Please visit the [CAP website](#) for the list of medal recipients with a link to the detailed citations and any remarks submitted by the recipient following the receipt of the award.

L'ACP est très heureuse de reconnaître ses récipiendaires de médailles 2025. Veuillez consulter [le site web de l'ACP](#) pour obtenir la liste des récipiendaires de médailles, ainsi qu'un lien vers les citations détaillées et les remarques à la suite de la réception de la récompense.



CAP Medal for Lifetime Achievement in Physics / Médaille de l'ACP pour contributions exceptionnelles à la physique

Hong Guo, McGill University, in recognition of pioneering work and world leadership in quantum transport theory and applications to nanoelectronic devices.



CAP Herzberg Medal / Médaille Herzberg de l'ACP

Jo Bovy, University of Toronto, in recognition of profound and original contributions to our understanding of the formation, evolution, and current dynamical structure of the Milky Way.



CAP-COMP Peter Kirkby Memorial Medal for Outstanding Service to Canadian Physics / La Médaille commémorative Peter Kirkby de l'ACP-OCPM pour services significatifs à la physique au Canada

Stephen Pistorius, in recognition of his service to both COMP and the CAP in service and leadership roles, and in the words of one of his colleagues for being instrumental in bringing physics into the forefront of the work of COMP.



CAP-CRM Prize in Theoretical and Mathematical Physics / Le Prix ACP-CRM de physique théorique et mathématique

Alexander Maloney, McGill University, in recognition of his pioneering contributions to the fields of conformal field theory and three-dimensional quantum gravity.



CAP-DCMMP Brockhouse Medal / Médaille Brockhouse de l'ACP-DPMCM

Peter Grutter, McGill University, in recognition of his impactful contributions to experimental research in several areas of condensed matter and materials physics, surface science, biophysics, and nanotechnology and, in particular, for his pioneering work on force microscopy detection methods.



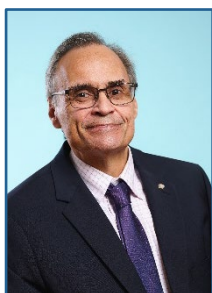
CAP-TRIUMF Vogt Medal for Contributions to Subatomic Physics / Médaille Vogt de l'ACP-TRIUMF pour contributions en physique subatomique

Mark Boulay, Carleton University, in recognition of important contributions to the direct search for dark matter using liquid argon detectors. Highlights include the development of pulse shape discrimination to reduce backgrounds in dark matter searches and leadership on the DEAP and Darkside-20k experimental programs.



CAP Medal for Excellence in Teaching Undergraduate Physics / Médaille de l'ACP pour l'excellence en enseignement de la physique au premier cycle

Nancy Forde, Simon Fraser University, in recognition of her contributions to enhancing the learning experience of her students through innovative teaching methods, involvement in curriculum development, and an impressive record of undergraduate research mentorship.



CAP Medal for Outstanding Achievement in Industrial and Applied Physics / La Médaille de l'ACP pour des réalisations exceptionnelles en physique industrielle et appliquée

Richard Boudreault, in recognition of contributions to medical imaging, photonics, space technology, and sustainable materials. His leadership in translating physics research into real-world applications has driven innovation across multiple industries, advancing technologies that benefit society.