

**ACADEMY OF SCIENCES
MATHEMATICS & PHYSICAL SCIENCES DIVISION
DIVISION COMMITTEE FOR THE SELECTION OF NEW FELLOW
REPORT OF THE COMMITTEE - 2022**

Date: March 20, 2022

1. Committee members:

- 1) Prof. Cathleen Crudden, Queen's University
- 2) Dr. Laura Ferrarese, National Research Council
- 3) Prof. Pawel Hawrylak, University of Ottawa
- 4) Prof. Bernie Kraatz, University of Toronto Scarborough
- 5) Prof. Richard Lockhart, Simon Fraser University
- 6) Prof. Gail Murphy (Chair), University of British Columbia
- 7) Prof. Renée Miller, Northeastern University (University of Toronto)
- 8) Prof. Luc Vinet (Secretary), Université de Montréal

2. Number of files reviewed by the committee: 44

List of candidates recommended for election in alphabetical order:

- Prof. Kim Baines, Chemistry, Western University
- Prof. Cornelia Bohne, Chemistry, University of Victoria
- Dr. Louis-Charles Campeau, Chemistry, Merck
- Prof. Jiahua Chen, Statistics, University of British Columbia
- Prof. Michael Franz, Physics, University of British Columbia
- Prof. Joel Kamnitzer, Mathematics, University of Toronto
- Prof. Yong Baek Kim, Physics, University of Toronto
- Prof. Guojun Liu, Chemistry, Queen's University
- Prof. Ue-Li Pen, Astronomy, University of Toronto
- Prof. Doina Precup, Computer Science, McGill University
- Prof. Jianhong Wu, Mathematics, York University

3. Suggestions/Comments regarding the nomination process:

The committee expressed concern regarding the lack of diversity in nominations and the decline of nominations in some sub-disciplines. The committee will continue reach out to appropriate discipline societies to encourage nominations. The Royal Society of Canada is encouraged to discuss letting nominations stand for multiple years (as was done previously) to encourage

nominations of under-represented groups who may be reluctant to be re-nominated if unsuccessful in a given year. The committee would also like to see discussion of guidelines for nominees whose majority of work falls outside Canada.

