

## 2022 Bower Award and Prize For Achievement in Science

### Sponsor

The Franklin Institute

### Description

Since 1824, The Franklin Institute of Philadelphia has honored the legacy of Benjamin Franklin by presenting awards for outstanding achievements in science, engineering, and industry. Past laureates include Thomas Edison, Marie Curie, Claude Shannon, Jane Goodall, Nikola Tesla, Stephen Hawking, Edward Lorenz, the Wright Brothers, Bill Gates, and Albert Einstein.

This year's theme is Decision-Making.

The Franklin Institute seeks nominations for the **2022 Bower Award and Prize for Achievement in Science** of individuals who have made significant contributions to the scientific understanding of decision-making. The interdisciplinary field of decision-making integrates theory and methods from economics, psychology, neuroscience, computer science, and related areas to understand the mechanisms through which individuals and groups choose among competing possibilities and how these mechanisms guide behavior.

Nominations are encouraged in, but not limited to, the following subtopics and their intersections:

- Psychological insights: mechanisms, development, context-dependence, individual differences, cultural variation, evolution
- Modeling of individual or group choice behaviour: valuation, social preferences, impulsivity, strategy, network models
- Neurobiological mechanisms: human neuroscience, model organisms, behavioral neuroscience, genetic approaches, comparative approaches
- Clinical approaches: pharmacology, psychiatric disorders, neuropsychological conditions
- Development of interventions to improve individual and/or group decision-making outcomes
- Broad applications: artificial intelligence, courts/law, education, finance, health/medicine, government/public policy, intelligence, labor, technology

### Eligibility

- This is an international competition for individuals who have made significant contributions to research in decision-making and/or its applications.

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- Candidates must be living, and the winner must participate in The Franklin Institute Awards Week programs to be held in April 2023 in Philadelphia, Pennsylvania, USA.
- Nominations from any individual or organization will be accepted, including self-nominations.
- Additional criteria may be found on the [Bower Award and Prize for Achievement in Science](#) [1] website

### Prize

The award, a 14k gold medal, and cash prize of \$250,000 USD are presented annually to a distinguished member of the international scientific community.

### Special Notes

Please note that research activities carried out in the context of COVID-19 need to adhere to the University of Guelph COVID-19 research principles, policies, guidelines and processes as they may be updated from time to time and communicated on the [Office of Research web-page](#) [2].

### Deadlines

**If College-level review is required, your College will communicate its earlier internal deadlines.**

Type	Date	Notes
<b>External Deadline</b>	Thursday, March 31, 2022 - 11:59pm	Please submit the nomination directly to the <a href="#">Bower Award and Prize for Achievement in Science</a> [1] web-page. Please also submit a copy of the full nomination and OR-5 to <a href="mailto:research.services@uoguelph.ca">research.services@uoguelph.ca</a> [3].

### How to Apply

Applications must be submitted online, using the application form provided on the [Bower Award and Prize for Achievement in Science](#) [1] web-page. Please submit an OR-5 and a completed application to [research.services@uoguelph.ca](mailto:research.services@uoguelph.ca) [3] by the external deadline.

### For More Information

For more information contact [research.honours@uoguelph.ca](mailto:research.honours@uoguelph.ca) [4] or Beth Scheraga at [bscheraga@fi.edu](mailto:bscheraga@fi.edu) [5].

See the [Bower Award and Prize for Achievement in Science](#) [1] website for more information.

Alert Classifications **Category:**

Honours and Awards

#### **Disciplines:**

Health and Life Sciences

Information and Communications Technology

Physical Sciences and Engineering

Social Sciences

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#### **Source**

**URL:** <https://www.uoguelph.ca/research/alerts/content/2022-bower-award-and-prize-achievement-science>

#### **Links**

[1] <https://www.fi.edu/awards/bower-award-prize-achievement-science>

[2] <https://www.uoguelph.ca/research/>

[3] <mailto:research.services@uoguelph.ca>

[4] <mailto:research.honours@uoguelph.ca>

[5] <mailto:bscheraga@fi.edu>