

Dear Deans and ADRs/RLOs (and Assistants) of Science and Engineering related units:

I am writing on behalf of Dr. Digvir Jayas, Vice-President (Research and International), to provide an update of upcoming local, national and international **Science and Engineering** related research awards/honours and opportunities. The table below outlines pertinent deadlines up to **March 31, 2018**. Award names are hyperlinked to their respective websites.

Upon review of this list, please recommend names of identified candidates within your units (preferably at least once a month) to Brent Deere, Research Awards Administrator (brent.deere@umanitoba.ca or 204-474-8697), in order to facilitate a timeline (with milestones) for both national and international award nominations over the next 6-12 months from our institution.

A comprehensive listing of Research Awards opportunities is also available on the University of Manitoba's website: <http://umanitoba.ca/research/awards.htm>.

Science & Engineering Research Awards / Honours – Deadlines up to March 31, 2018

	Name of Award	Deadline	Internal RAA Deadline	Potential Value	Complete list of Past Winners
1)	IPAC – Public Sector Leadership Awards	October 4, 2017		Honourary	Past Winners
2)	Blue Planet Prize	October 6, 2017		50,000,000 yen	Past Winners
3)	Heineken Prizes for Biochemistry and Biophysics, Environmental Sciences	October 15, 2017	Please advise if you are nominating someone	\$200,000 USD	Past Winners
4)	CAD Arctic Inspiration Prize	October 23, 2017		\$1,000,000	Past Winners

5)	<u>CBC Manitoba – Future 40</u>	October 31, 2017*		Honourary	<u>Past Winners</u>
6)	<u>Canadian Academy of Engineering (CAE)</u>	October 31, 2017		Honourary	<u>Past Winners</u>
7)	<u>Simons Foundation Investigator Programs</u>	October 31, 2017		Starting at \$100,000 USD	<u>Past Winners</u>
8)	<u>Canadian Space Agency – John H. Chapman Award of Excellence</u>	November 1, 2017*		Honourary	<u>Past Winners</u>
9)	<u>IPAC – Lieutenant Governor’s Medal in Manitoba</u>	November 4, 2017		Honourary	<u>Past Winners</u>
10)	<u>Fulbright Traditional Scholar Award</u>	November 15, 2017		\$12,500 for one semester	
11)	<u>Fulbright Scholar and Research Chairs Program</u>	November 15, 2017		\$25,000 for one semester	

12)	Fritz London Memorial Prize	November 15, 2017*			Past Winners
13)	Governor General's Innovation Awards	November 15, 2017		Honourary	Past Winners
14)	Eni Award	November 24, 2017		Monetary - TBD	Past Winners
15)	Dan David Prizes	November 30, 2017		US \$1 million	Past Winners
16)	A.M. Turing Award	November 30, 2017*		US \$1 million	Past Winners
17)	Shaw Prizes	November 30, 2017*		\$1.2 million	Past Winners
18)	Summit of Leaders – Scientist of the Year	November 30, 2017*		Honourary	Past Winners

19)	Winnipeg Citizens Hall of Fame	November 30, 2017		Honourary	Past Winners
20)	Royal Society of Canada – New Fellows	December 1, 2017		Honourary	Past Winners
21)	Manning Innovation Awards	December 1, 2017*		Encana Principal Award (\$100,000)	Past Winners
22)	Kavli Prizes	December 1, 2017		US \$1 million	Past Winners
23)	Trudeau Fellowships	December 4, 2017		\$225,000	Past Winners
24)	Trudeau Foundation Visiting Fellowships (National)	December 4, 2017		\$225,000	Past Winners
25)	Gruber Prizes	December 15, 2017		\$500,000	Past Winners

26)	<u>International Union of Pure and Applied Chemistry (IUPAC) – Richter Prize</u>	December 15, 2017		\$10,000 USD	<u>Past Winners</u>
27)	<u>World Cultural Council – Albert Einstein Award of Science</u>	December 18, 2017		US \$10,000	<u>Past Winners</u>
28)	<u>Bressler Prize in Vision Science</u>	December 31, 2017		\$45,000	<u>Past Winners</u>
29)	<u>Volvo Environment Prize</u>	January 10, 2018		US \$215,000	<u>Past Winners</u>
30)	<u>Crafoord Prizes</u>	January 15, 2018*		US \$675,000	<u>Past Winners</u>
31)	<u>Partners in Research – Science Ambassador Award</u>	January 15, 2018*	November 17, 2017	Honourary	<u>Past Winners</u>
32)	<u>Partners in Research – Technology Ambassador Award</u>	January 15, 2018*	November 17, 2017	Honourary	<u>Past Winners</u>

33)	<u>Partners in Research – Engineering Ambassador Award</u>	January 15, 2018*	November 17, 2017	Honourary	<u>Past Winners</u>
34)	<u>Partners in Research – Mathematics Ambassador Award</u>	January 15, 2018*	November 17, 2017	Honourary	<u>Past Winners</u>
35)	<u>Committee of Presidents of Statistical Societies (COPSS) Presidents' Award</u>	January 15, 2018*		Honourarium - TBD	<u>Past Winners</u>
36)	<u>Max Planck Research Awards</u>	January 15, 2018*		€750,000	<u>Past Winners</u>
37)	<u>European Commission - Horizon Prize on Materials for Clean Air</u>	January 23, 2018		€3,000,000	<u>Past Winners</u>
38)	<u>ACUNS – Weston Family Prize for Lifetime Achievement in Northern Research</u>	January 30, 2018*		\$50,000	<u>Past Winners</u>
39)	<u>Louisa Gross Horwitz Prize</u>	January 31, 2018*		Honourarium - TBD	<u>Past Winners</u>

40)	Welch Award	January 31, 2018*		\$500,000	Past Winners
41)	Nobel Prize	January 31, 2018*		~US \$1 Million	Past Winners
42)	LUI Che Woo Prize	January 31, 2018*		US\$ 2.56 million	Past Winners
43)	Order of Manitoba	January 31, 2018*		Honourary	Past Winners
44)	ACTION Canada Fellowships	February 8, 2018*		Fellowship	Past Winners
45)	David E. Rumelhart Prize	February 20, 2018*		US\$ 100,000	Past Winners
46)	YMCA-YWCA Winnipeg Women of Distinction Awards	February 22, 2018*		Honourary	Past Winners
47)	Science & Technology Foundation of Japan – The Japan Prize	February 28, 2018*	January 10, 2018	Approx. \$600,000 per prize field	Past Winners

48)	<u>Royal Society of Canada – Awards (various)</u>	March 1, 2018*		Various	<u>Past Winners</u>
49)	<u>NSERC - Gerhard Herzberg Canada Gold Medal for Science and Engineering</u>	March 1, 2018*		\$1,000,000	<u>Past Winners</u>
50)	<u>NSERC-Brockhouse Canada Prize for Interdisciplinary Research in Science and Engineering</u>	March 1, 2018*		\$250,000	<u>Past Winners</u>
51)	<u>NSERC – John C. Polanyi Award</u>	March 1, 2018*	February 1, 2018*	\$250,000	<u>Past Winners</u>
52)	<u>Royal Society of Canada – College of New Scholars, Artists and Scientists nominations</u>	March 15, 2018*		Honourary	<u>Past Winners</u>
53)	<u>Balzan Prize</u>	March 15, 2018*		Honourary	<u>Past Winners</u>
54)	<u>Harvey Prize</u>	March 17, 2018*		\$75,000	<u>Past Winners</u>

55)	Fulbright Canada - NEXUS Program	March 17, 2018		Us \$35,000	Past Winners
56)	Enterprise and IT Architecture Awards	March 19, 2018*		Honourary	Past Winners
57)	IPAC Vanier Medal	March 31, 2018*		Honourary	Past Winners
58)	Rank Prize Funds	March 31, 2018*		Monetary - TBD	Past Winners
59)	Robert Koch Awards	March 31, 2018*		€120,000	Past Winners
60)	Vetlesen Prize	March 31, 2018*		\$250,000	Past Winners
61)	Benjamin Franklin Institute Awards	Ongoing		\$250,000	Past Winners
62)	Europe Business Assembly - Socrates Awards	Ongoing		Honourary and gold medal	Past Winners

* Please note that some of these award deadlines are based on last year's dates as the agencies have not yet sent out their 2017 / 2018 call for proposals, and are subject to change.

1) IPAC – Public Sector Leadership Awards - October 4, 2017

The IPAC/Deloitte Public Sector Leadership Awards program recognizes organizations that have demonstrated outstanding leadership by taking bold steps to improve Canada, through advancements in public policy and management.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

2) Blue Planet Prize - October 6, 2017

In 1992, the year of the Earth Summit, the Asahi Glass Foundation established the Blue Planet Prize, an award presented to individuals or organizations worldwide in recognition of major contributions to solving global environmental problems. The Prize is offered in the hopes of encouraging efforts to bring about the healing of the Earth's fragile environment.

The award's name was inspired by the remark "the Earth was blue," uttered by the first human in space, Russian cosmonaut Yuri Gagarin, upon viewing our planet. The Blue Planet Prize was so named in the hopes that our blue planet will be a shared asset capable of sustaining human life far into the future.

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3) Heineken Prizes for Biochemistry and Biophysics - October 15, 2017

This international prize, worth \$200,000, rewards outstanding achievement in the fields of Biochemistry and Biophysics, and Environmental Sciences.

These prizes are intended explicitly for scientists and scholars who are currently active in their field and whose research still holds considerable promise for future innovative discoveries. International juries will select the winners. These prizes are offered by the Dr. H.P. Heineken Foundation and the Alfred Heineken Fondsen Foundation. The selection of the prizes is entrusted by the Royal Netherlands Academy of Arts and Sciences.

Both institutes and individual researchers may nominate suitable candidates for these prizes.

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4) CAD Arctic Inspiration Prize - October 23, 2017

The Arctic Inspiration Prize is intended for multidisciplinary teams who have made a substantial, demonstrated and distinguished contribution to the gathering of Arctic knowledge and who have provided a concrete plan and commitment to implement their knowledge into real world application for the benefit of the Canadian Arctic, its Peoples and therefore Canada as a whole.

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5) CBC Manitoba – Future 40 – October 31, 2017 (TBD)

Launched in 2015, this contest recognizes Manitoba's top leaders, builders and change-makers who are 40 or under.

Nominees must be 40 years of age or under as of October 2017. Canadian nominees must reside in Manitoba for a minimum of 1 year with proof of official residence in Manitoba. One nominee can be submitted per nominator. Once a nomination is submitted it is publically published on CBC's website along with the nominator's name.

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6) Canadian Academy of Engineering (CAE) - October 31, 2017

Election to the Canadian Academy of Engineering (CAE) is one of the highest professional honours accorded an engineer. Members have distinguished themselves in different sectors including business, academia and government and in different roles such as business management, executive management, technical, and university faculty. Members of the CAE are nominated and elected by their peers (current CAE members) to honorary Fellowship in the Academy in view of their distinguished achievements and career-long service to the engineering profession.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

7) Simons Foundation Investigator Programs - October 31, 2017

Each year, the Simons Foundation invites nominations from universities in the United States, Canada, the United Kingdom and Ireland for the Simons Investigators in Mathematics, Physics, Astrophysics, Theoretical Computer Science, Mathematical Modeling of Living Systems (MMLS), and Math+X Investigators programs. Simons Investigators are outstanding theoretical scientists who

receive long-term research support from the Simons Foundation. The Math+X Investigators program is designed to encourage novel collaborations between mathematics and other fields in science or engineering.

Simons Investigators in Mathematics, Physics, Astrophysics and Computer Science

Basis for Awards: The intent of the Investigator in Mathematics, Physics, Astrophysics and Theoretical Computer Science programs is to support outstanding scientists in their most productive years, when they are establishing creative new research directions, providing leadership to the field and effectively mentoring junior scientists.

Level and Duration of Funding: A Simons Investigator in Mathematics, Physics, Astrophysics or Theoretical Computer Science is appointed for an initial period of five years. Renewal for an additional five years is contingent upon the evaluation of scientific impact of the Investigator. An Investigator will receive research support of \$100,000 per year. An additional \$10,000 per year will be provided to the Investigator's department. The award is administered through the institution at which the Investigator is appointed, and this institution will receive 20 percent in indirect costs.

Eligibility: To be an Investigator in Mathematics, Physics, Astrophysics or Theoretical Computer Science, a scientist must be engaged in theoretical research in mathematics, physics, astrophysics or computer science, must not previously have been a Simons Investigator, and must have a primary appointment in a department with a Ph.D. program at an institution in the United States, Canada, the United Kingdom, or Ireland, on a campus within these countries.

Simons Investigators in MMLS

Basis for Awards: The intent of the Investigator in MMLS program is to help launch the research careers of outstanding junior scientists working on mathematical and theoretical approaches to topics in the life sciences. Nominations will be evaluated on the basis of nominees' potential for scientific accomplishment in these areas.

Level and Duration of Funding: A Simons Investigator in MMLS is appointed for a period of five years. An Investigator in MMLS will receive research support of \$100,000 per year. An additional \$10,000 per year will be provided to the Investigator's department. The award is administered through the institution at which the Investigator is appointed, and this institution will receive 20 percent in indirect costs.

Eligibility: To be a Simons Investigator in MMLS, a scientist must be engaged in research related to the program, must not previously have been a Simons Investigator, and must have a primary appointment in a department with a Ph.D. program at an institution in the United States, Canada, the United Kingdom, or Ireland, on a campus within these countries. At the time of appointment, an Investigator should be in the early stages of an academic career and must be within eight years of the start of his/her first faculty position.

Math+X Investigators

Basis for Awards: This program is designed to encourage novel collaborations between mathematics and other fields in science or engineering by providing funds to professors to establish programs at the interface between mathematics and other fields of science or engineering.

Level and Duration of Funding: A Math+X Investigator is appointed for a period of five years and will receive support in an amount of \$300,000 per year, which includes up to 20 percent in indirect costs to the Investigator's institution. Renewal for an additional five years is contingent upon the evaluation of the scientific impact of the Investigator.

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8) Canadian Space Agency – John H. Chapman Award of Excellence - November 1, 2017 (TBD)

The John H. Chapman Award of Excellence is a tribute to a renowned person whose vision for the development of space reflects Canada's values as much as its present and future needs.

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9) IPAC – Lieutenant Governor’s Medal in Manitoba – November 4, 2017

This award recognizes the exceptional achievement of a person who has shown distinctive leadership in public administration in Manitoba. The nomination process affords you the opportunity to put forward the name of an individual who has made a significant and sustained contribution to public service in our province.

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10) Fulbright Traditional Scholar Award - November 15, 2017

Traditional Fulbright awards are open to Canadian scholars in all fields and are designed to enable emerging and established scholars, post-doctoral researchers and experienced professionals to conduct research, teach, or undertake a combination of both activities for one semester or a full academic year at any university or research centre of their choice in the United States.

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11) Fulbright Scholar and Research Chairs Program - November 15, 2017

Fulbright Visiting Research Chairs are intended for Canadian citizens who are exceptional scholars and/or experienced professionals who wish to conduct research and/or lecture in the United States.

Fulbright Canada Visiting Research Chairs are pre-arranged affiliations that allow scholars to conduct research/lecture on subjects important to that university. Partner universities are excited to welcome the Fulbright Visiting Chairs into campus life and encourage them to engage with students, faculty, and the broader community. Fulbright Visiting Research Chairs can guest lecture in university courses, mentor students, lecture in public venues, network, and promote their research, while representing the Fulbright program, and their home and host institutions.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

12) Fritz London Memorial Prize - November 15, 2017 (TBD)

The Fritz London Prize was created to recognize scientists who made outstanding contributions to the advances of the field of Low Temperature Physics. It is traditionally awarded in the first session of the International Low Temperature Conference, which is sponsored by the IUPAP (International Union of Pure and Applied Physics) and was first awarded in 1957.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

13) Governor General's Innovation Awards - November 15, 2017

The purpose of the Governor General's Innovation Award is to inspire Canadians to embrace innovation and to emulate innovative, entrepreneurial risk-takers that have developed new or better ways of creating value and that are having a meaningful impact on our quality of life.

The objectives of the Governor General's Innovation Awards are to:

- Celebrate excellence in innovation across all sectors of Canadian society;
- Inspire Canadians, and in particular Canadian youth, to be entrepreneurial innovators; and
- Foster an active culture of innovation that produces meaningful impacts on our lives.

Innovation and an entrepreneurial spirit are fundamentally important in all sectors of society and can have transformative, positive impacts regardless of whether it is in the private, public or not-for-profit realms. The Governor General's Innovation Awards will, therefore, encompass all sectors of Canadian society.

The Innovation Awards will be given to individuals, teams and/or organizations whose innovations are:

- Truly exceptional;
- Transformative; and,
- Positive in their impact on quality of life in Canada.

Awards will be presented in the following categories:

- Young innovators: individuals under 30 years of age, who, individually or as leaders of teams and/or organizations, have been undertaking transformative and innovative activities.
- Accomplished innovators: individuals, teams and/or organizations whose innovations are having, or have had, a significant positive impact beyond their immediate organization or community.

Only selected Nominating Partners are eligible to propose candidates for an Innovation Award. Please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697) if you have a nominee in mind for this award.

14) Eni Award - November 24, 2017

The Eni Award was created to develop better use of renewable energy, promote environmental research and encourage new generations of researchers. The Award, which is annual, highlights the critical importance increasingly given by Eni in recent years to scientific research and issues of sustainability.

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15) Dan David Prizes - November 30, 2017

Three prizes of US\$ 1 million each are annually awarded for achievements having an outstanding scientific, technological, cultural or social impact on our world. Each year fields are chosen within the three Time Dimensions - Past, Present and Future.

Fields for 2018: Past – History of Science
 Present – Bioethics
 Future – Personalized Medicine

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16) A.M. Turing Award - November 30, 2017

The A.M. Turing Award, sometimes referred to as the "Nobel Prize" of Computing, is the most prestigious technical award, is given for major contributions of lasting importance to computing.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

17) Shaw Prizes - November 30, 2017

Established under the auspices of Mr. Run Run Shaw in November 2002, the Prize honours individuals, regardless of race, nationality, gender and religious belief, who have recently achieved significant breakthrough in academic and scientific research or applications and whose work has resulted in a positive and profound impact on mankind.

The Shaw Prize consists of three annual prizes: Astronomy, Life Science and Medicine, and Mathematical Sciences, each bearing a monetary award of one million two hundred thousand US dollars.

Nominations for The Shaw Prize shall only be submitted by invited nominators. Self-nominations or nominations by uninvited persons shall be discarded.

Since nominations can only be put forward by invited nominators, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697) if you have a nominee in mind for this award.

18) Summit of Leaders – EBA Scientist of the Year competition – November 30, 2017 (TBD)

This competition aims to present the best scientists from all over the world and to promote the latest results of their work in varying spheres of human activity. Scientists of all ages may participate in the Competition, including students engaged in scientific activities, graduate students, young scientists, and others without a degree.

If you believe that you or your colleague deserve recognition, submit your [Competition Entry Form](#) now.

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19) Winnipeg Citizens Hall of Fame - November 30, 2017

The criteria for induction to the Citizens Hall of Fame requires that the individual must have brought recognition to Winnipeg or have made outstanding contributions to the quality of life and development of the city. The inductee's achievements may be local, national, or international in scope.

Individuals inducted to the Citizens Hall of Fame may be honoured for their achievements in any of the following fields of endeavour:

1. ARTS - for endeavours which enhance and support artistic/cultural life and well-being;
2. BUSINESS - for entrepreneurial activity, including the establishment and successful operation of a business;
3. VOLUNTARY SERVICE for voluntary activities and dedication that benefit the immediate and global community;
4. PROFESSIONALS - for pursuit of a specific profession and advancement of that profession, and;
5. PUBLIC AFFAIRS - for public service in areas such as social advocacy, environmental protection, international affairs, political action or organized labour.

Nominations or selection to the Citizens Hall of Fame is not restricted to these fields and be inducted for their accomplishments in more than one area.

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20) Royal Society of Canada – New Fellows - December 1, 2017

The Royal Society of Canada (RSC) is the senior national body of distinguished Canadian scholars, artists and scientists. It is Canada's national academy. The primary objective of the RSC is to promote learning and research in the arts and sciences. The RSC consists of over 2000 Fellows, men and women who are selected by their peers for outstanding contributions to the natural and social sciences, in the arts and in the humanities.

Nominations must be put forward by current RSC Fellows. For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

21) Manning Innovation Awards - December 1, 2017 (TBD)

The Ernest C. Manning Awards Foundation has been recognizing and encouraging innovation in Canada since 1982. By means of a nomination, Canadian resident citizens, who have demonstrated recent innovative talent in developing and successfully marketing a new concept, process or procedure, may be eligible for one of these awards: Principal Award (\$100,000), Award of Distinction (\$25,000), Innovation Awards (2 at \$10,000).

Before being nominated for this award, the Foundation recommends completing an online form and providing a brief overview of your innovation, which can then be reviewed by a volunteer Chapter member of the Foundation. The Chapter member will provide feedback on how best to proceed with the nomination.

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22) Kavli Prizes - December 1, 2017

The Kavli Prize recognizes scientists for their seminal advances in three research areas: astrophysics, nanoscience, and neuroscience. The Kavli Prize consists of USD \$1,000,000 in each of the scientific fields. In addition to the prize money, the laureates receive a scroll and a gold medal.

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23) Trudeau Fellowships - December 4, 2017

The Trudeau Fellowship is one of the most prestigious awards in Canada. Aside from its exceptional value of \$225,000, the fellowship offers its recipient complete liberty in the way the funds are allocated towards research. Trudeau Fellows are academics, artists, or public intellectuals who have set themselves apart in the sciences and humanities through their research findings, their creativity, and their social commitment in one or more of the Foundation's four themes:

- 1) Human Rights and Dignity: <http://www.trudeaufoundation.ca/en/themes/human-rights-and-dignity>
- 2) Responsible Citizenship: <http://www.trudeaufoundation.ca/en/themes/responsible-citizenship>
- 3) Canada in the World: <http://www.trudeaufoundation.ca/en/themes/canada-world>
- 4) People and their Natural Environment: <http://www.trudeaufoundation.ca/en/themes/people-and-their-natural-environment>

Trudeau Fellows produce a Trudeau project during their first three years with the Foundation. The project is an initiative that is in line with one or more of the Foundation's four themes and that engages the Trudeau community of mentors, fellows, and scholars. Examples of projects are an international workshop in the fellow's area of work; the edition of a collection of papers authored in part by members of the Trudeau community; and a Bellagio-type working group that tackles a particular policy problem. This list is not exhaustive: fellowship candidates may propose any form of project that would draw on the richness of the Trudeau community to address what they see as a compelling lack in the knowledge.

Only nominators invited by the Foundation may propose candidates for a Trudeau fellowship. Please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697) if you have a nominee in mind.

24) Trudeau Foundation Visiting Fellowships (National) - December 4, 2017

Every year, an independent jury of eminent researchers and intellectuals selects up to five candidates for Trudeau fellowships. These candidates hail from all disciplines in the social sciences, the humanities, and the creative arts, and are active in one or more the Foundation's four themes of research. Fellows are chosen in light of their leadership qualities, their productivity, their reputation, and above all their track record at imagining and promoting new solutions to major contemporary issues.

Since 2009, the Foundation has reserved one fellowship each year for a visiting fellow. The visiting fellowship gives Canadian universities the opportunity to host a foreign or Canadian academic, artist, or writer for one year or more. In odd years, the Foundation awards its visiting fellowship to an international candidate. In even years, the visiting fellow is Canadian.

Candidates must be nominated by a Canadian university whom the Foundation has invited to submit a nomination. For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697).

25) Gruber Prizes - December 15, 2017

The International Prize Program honors contemporary individuals in the fields of Cosmology, Genetics, Neuroscience, Justice and Women's Rights, whose ground-breaking work provides new models that inspire and enable fundamental shifts in knowledge and culture.

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26) IUPAC-Richter Prize (IUPAC is the International Union of Pure and Applied Chemistry) – December 15, 2017

The prize is to be awarded to an internationally recognized scientist, preferably a medicinal chemist, whose activities or published accounts have made an outstanding contribution to the practice of medicinal chemistry or to an outstanding example of new drug discovery.

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27) World Cultural Centre – Albert Einstein Award of Science - December 18, 2017

The "Albert Einstein" World Award of Science was created as a means of recognition and encouragement for scientific and technological research and development. It takes into special consideration research which has brought true benefit and wellbeing to mankind.

The winner of the award is elected by the Interdisciplinary Committee, which is composed of world renowned scientists, among them 25 Nobel laureates. The award consists of a Diploma, a Commemorative medal, and US\$10,000.

Candidates for the awards may be selected and proposed only through the following authorities in any country:

- The President, the Prime Minister.

- Ministers of Science and Technology or Culture and Education.
- Directors of Institutes and Organizations.
- Rectors of Universities.
- Members of the World Cultural Council.
- Outstanding personalities in Science and Culture.

Since candidates may only be proposed from Directors or Rectors of Universities, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697) if you have a candidate in mind.

28) Bressler Prize in Vision Science - December 31, 2017

The Alfred W. Bressler Prize in Vision Science was established in 2001 through a generous bequest of Alfred W. Bressler. It recognizes a professional in the field of vision science whose leadership, research and service have resulted in important advancements in the treatment of eye disease or rehabilitation of persons with vision loss. A panel of distinguished vision science professionals will select the winner who receives a prize of \$45,000.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

29) Volvo Environment Prize - January 10, 2018 (TBD)

The Volvo Environment Prize has become one of the scientific world's most respected environmental prizes. It is awarded for "Outstanding innovations or scientific discoveries which in broad terms fall within the environmental field". Laureates represent all fields of environmental and sustainability studies and initiatives. It consists of a diploma, a glass sculpture and a cash award for SEK 1.5 million (approximately EUR 167 000 or USD 209 000).

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

30) Crafoord Prizes - January 15, 2018 (TBD)

The Crafoord Prize in astronomy and mathematics, biosciences, geosciences or polyarthritis research is awarded by the Royal Swedish Academy of Sciences annually according to a rotating scheme. The prize sum of SEK 4 million makes the Crafoord one of the world's largest scientific prizes.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

31) Partners in Research – Science Ambassador Award - January 15, 2018 (TBD)

The Science Ambassador Award of PIR recognizes outstanding contributions of a body of work over a period of time to the field of science and Canadians by a Canadian researcher. Nominations for the Award can be submitted by a Dean, Vice-President (Research) or their equivalent, from any Canadian research institute, hospital or post-secondary institution.

Note: only one nomination from any given institution and/or affiliated hospital will be accepted.

Since only one nomination from any given institution will be accepted, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697) by November 17, if you have a nominee in mind.

32) Partners in Research – Technology Ambassador Award - January 15, 2018 (TBD)

The Technology Ambassador Award of PIR recognizes outstanding contributions of a body of work over a period of time to the field of technology and Canadians by a Canadian researcher. Nominations for the Award can be submitted by a Dean, Vice-President (Research) or their equivalent, from any Canadian research institute, hospital or post-secondary institution.

Note: only one nomination from any given institution and/or affiliated hospital will be accepted.

Since only one nomination from any given institution will be accepted, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697) by November 17, if you have a nominee in mind.

33) Partners in Research – Engineering Ambassador Award - January 15, 2018 (TBD)

The Engineering Ambassador Award of PIR recognizes outstanding contributions of a body of work over a period of time to the field of engineering and Canadians by a Canadian researcher. Nominations for the Award can be submitted by a Dean, Vice-President (Research) or their equivalent, from any Canadian research institute, hospital or post-secondary institution.

Note: only one nomination from any given institution and/or affiliated hospital will be accepted.

Since only one nomination from any given institution will be accepted, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697) by November 17, if you have a nominee in mind.

34) Partners in Research – Mathematics Ambassador Award - January 15, 2018 (TBD)

The Mathematics Ambassador Award of PIR recognizes outstanding contributions of a body of work over a period of time to the field of mathematics and Canadians by a Canadian researcher. Nominations for the Award can be submitted by a Dean, Vice-President (Research) or their equivalent, from any Canadian research institute, hospital or post-secondary institution.

Note: only one nomination from any given institution and/or affiliated hospital will be accepted.

Since only one nomination from any given institution will be accepted, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697) by November 17, if you have a nominee in mind.

35) Committee of Presidents of Statistical Societies (COPSS) Presidents' Award - January 15, 2018 (TBD)

The COPSS Presidents' Award is given annually to a person under the age of 40, in recognition of outstanding contributions to the profession of statistics.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

36) Max Planck Research Awards - January 15, 2018 (TBD)

Excellent scientists and scholars of all nationalities who are expected to continue producing outstanding academic achievements in international collaboration – not least with the assistance of this award – are eligible to be nominated for the Max Planck Research Award. On an annually-alternating basis, the call for nominations addresses areas within the natural and engineering sciences, the life sciences, and the social sciences and humanities.

Every year, the Humboldt Foundation and the Max Planck Society grant two research awards to one researcher working abroad and one researcher working in Germany. These two awards will be bestowed independently.

The Presidents/Vice Chancellors of universities and the heads of research institutions in Germany are eligible to make nominations. Direct applications are not accepted. As a rule, each award is endowed with €750,000 and may be used over a period of three to a maximum of five years to fund research chosen by the award winner.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

37) European Commission - Horizon Prize on Materials for Clean Air - January 23, 2018

In the European Union, the average life expectancy is estimated to be decreased by 8.6 months, because of exposure to particulate matter resulting from human activities. The inhalation of particulate matter can also lead to adverse effects in the respiratory, cardiovascular, immune, and neural systems. In addition to its effects on the human health, particulate matter can also have adverse effects on climate change and ecosystems.

The Horizon Prize on materials for clean air is a €3 million prize that will be awarded to the person or team who can most effectively meet the following challenge: develop the best innovative design-driven material solution to reduce the concentration of particulate matter in urban areas.

The objective pursued by this inducement prize is to reduce particulate matter air pollution in urban areas through the development of innovative material solutions. These solutions should be design-driven, affordable and sustainable, and they should demonstrate that they can effectively remove and/or prevent the formation of particulate matter in the atmosphere (vehicle exhaust systems will be excluded).

Affordable, sustainable and innovative design-driven material solutions that can effectively remove or prevent the formation of particulate matter in the atmosphere (vehicle exhaust systems will be excluded) and works in the environment targeted for application.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

38) ACUNS – Weston Family Prize for Lifetime Achievement in Northern Research - January 30, 2018 (TBD)

The Association of Canadian Universities for Northern Studies is seeks nominees for the *Weston Family Prize for Lifetime Achievement in Northern Research*, a new award which recognizes a significant contribution and broad impact of a career devoted to Northern research by an individual who has demonstrated leadership, inspiration, and mentorship in research in the Canadian north. The recipient will receive a \$50,000 cash prize. Nominations may be made by an individual or group of individuals.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

39) Louisa Gross Horwitz Prize - January 31, 2018 (TBD)

Each year, since its inception in 1967, the Louisa Gross Horwitz Prize has been awarded by Columbia University for outstanding basic research in biology or biochemistry. The purpose of the prize is to honor a scientific investigator, or group of investigators, whose contributions to knowledge in either of these fields are deemed worthy of special recognition. A panel of internationally known scientists distinguished in the fields of biology, chemistry, biochemistry, and physiology.

The Prize Committee recognizes no geographical limitations. The prize may be awarded to an individual or group. When the prize is awarded to a group, the honorarium will be divided among the recipients, and each member will receive a citation. Preference will be given to work done in the recent past.

The Prize consists of an honorarium and citation that are awarded at a special presentation event. Unless otherwise recommended by the Prize Committee, the Prize is awarded annually.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

40) Welch Award - January 31, 2018 (TBD)

The purpose of The Robert A. Welch Award in Chemistry is to foster and encourage basic chemical research and to recognize, in a substantial manner, the value of chemical research contributions for the benefit of mankind as set forth in the will of Robert Alonzo Welch. The recipient will be required to be present at a ceremony and dinner held in October. The monetary amount of the award is \$500,000.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

41) Nobel Prize – January 31, 2018 (TBD)

Nomination to the Nobel Prize is by invitation only. The names of the nominees and other information about the nominations and selection process cannot be revealed until 50 years later.

The Nobel Committee sends confidential invitation letters to persons who are competent and qualified to nominate candidates for the Nobel Prize. The right to submit proposals for the Nobel Prize is laid down in the Statutes of the Nobel Foundation.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

42) LUI Che Woo Prize - January 31, 2018 (TBD)

Dr. LUI Che Woo firmly believes that he can facilitate the building of a better world by properly recognising those people or organisations, who have made remarkable contributions to the welfare of mankind, and encouraging them to persevere with their efforts in the same direction.

Objectives

The LUI Che Woo Prize aims to recognise and honour individuals or organisations all over the world with outstanding achievements and contributions in respect of the following three objectives:

- Objective 1: Sustainable development of the world

This objective is to recognise an outstanding achievement of an individual or an organisation in maintaining a sustainable ecological balance and natural capital on the one hand and providing for the needs of future generations on the other.

- Objective 2: Betterment of the welfare of mankind

This objective is to acknowledge an outstanding effort of an individual or an organisation to enhance the well-being of the human race.

- Objective 3: Promotion of positive life attitude and enhancement of positive energy

This objective is to honour a model which can be an individual or an organisation of unwavering determination demonstrated in the adoption of a positive attitude and making constructive changes in the face of setbacks, hardship and adversity.

Unlike other international prizes which have specific fields, the LUI Che Woo Prize is a new and prestigious international accolade awarded to individuals or organisations who have displayed remarkable achievements towards the three objectives of the Prize thereby contributing to world civilisation. Thus, the coverage of the LUI Che Woo Prize is very broad, the recipients not being limited to academics and scientists. The LUI Che Woo Prize recognises accomplishments beneficial to mankind and also encourages the continuation of that work for which its laureates have been chosen. It transcends all boundaries of nations, it promotes universal values and it sows seeds for the continuous development of a better and harmonious world.

There are three Prizes for the three objectives of the LUI Che Woo Prize (each a “Prize Category”) every year. If there is no appropriate awardee for any Prize Category in any particular year, no Prize will be awarded for that Prize Category in that year. Each awardee will receive a cash award of HK\$20 million (equivalent to approximately **US\$2.56 million**), a certificate and a trophy. Each Prize is awarded to a single recipient (i.e. no sharing of a Prize) who can be an individual or an organisation.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

43) Order of Manitoba – January 31, 2018 (TBD)

Established in 1999, the Order is the highest honour in the Province of Manitoba. It recognizes individuals who have demonstrated excellence and achievement in any field of endeavour, benefiting in an outstanding manner the social, cultural or economic well-being of Manitoba and its residents.

Any Canadian citizen who is a current citizen of the province, or was a long-time resident of Manitoba, can be nominated for membership in the Order, except Members of Parliament, senators, Members of the Legislative Assembly of Manitoba and Judges of any court, while they are in office. Posthumous nominations are not accepted except where a nominee dies after being recommended by the Council. Only individuals may be nominated; not couples, groups or organizations.

Please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697) if you would like guidance regarding your nomination.

44) ACTION Canada Fellowships - February 8, 2018 (TBD)

ACTION CANADA is Canada's premier leadership program. A non-partisan multi-sector fellowship, ACTION CANADA is building a valuable network of leaders. Centered around regional conferences and teamwork, Fellows examine historical and current issues, hone leadership skills, and present/publish a public policy report. At the completion of the fellowship year, they join ACTION CANADA's network of outstanding leaders dedicated to the future of Canada.

Overview:

ACTION CANADA is seeking nominations for candidates who are in the early years of their careers or pursuing post-secondary studies, who have the promise to be future Canadian leaders and who will benefit by the study of leadership and public policy issues. Each year, ACTION CANADA selects up to 20 outstanding Canadians to join their 11-month leadership development and public policy program.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

45) David E. Rumelhart Prize - February 20, 2018 (TBD)

The David E. Rumelhart Prize is awarded annually to an individual or collaborative team making a significant contemporary contribution to the theoretical foundations of human cognition. The prize consists of a certificate, a citation of the awardee's contribution, and a monetary award of \$100,000. The winner delivers a lecture and is honored at a reception at the annual meeting of the Cognitive Science Society.

The Rumelhart Prize is funded by the Robert J. Glushko and Pamela Samuelson Foundation, based in San Francisco. Robert J. Glushko is an entrepreneur in Silicon Valley who received a Ph. D. in Cognitive Psychology in 1979 under Rumelhart's supervision. Previous winners of the prize are listed below.

Each year, the selection committee will continue to consider nominations previously submitted. The committee invites updates to existing nominations as well as new nominations.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

46) YMCA-YWCA Winnipeg Women of Distinction Awards - February 22, 2018 (TBD)

You may know women who have made a unique and exemplary contribution to the development of others and our community. Nomination for the prestigious Women of Distinction Awards is itself an honour. The YMCA-YWCA encourages you to join them in honouring these women who inspire us by nominating them in one of the following categories:

- Arts, Culture & Heritage
- Business, Professions & Trades
- Community Activism & Social Enterprise
- Education, Training & Mentorship
- Health, Wellness & Fitness
- Public Awareness and Communications
- Science, Technology & Research
- Volunteerism
- Young Women of Distinction
- Eira “Babs” Friesen Lifetime Achievement Award
- The Gerrie Hammond Memorial Award of Promise
- The Prairie Award of Promise

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

47) Science & Technology Foundation of Japan – The Japan Prize - February 28, 2018 (TBD)

The Japan Prize is awarded to people from all parts of the world whose original and outstanding achievements in science and technology are recognized as having advanced the frontiers of knowledge and served the cause of peace and prosperity for mankind. No distinction is made as to nationality, occupation, race or gender. Only living persons may be named.

Fields of study for the prize encompass all categories of science and technology, with two fields designated for the prize each year in consideration of developments in science and technology. Each Japan Prize laureate receives a certificate of merit and a prize medal. A cash award of 50 million yen is also presented for each prize category. The award is intended for a single person, in principle, but small groups of researchers are also eligible.

Nominations must be submitted online via the Japan Prize Nomination System (JPNS). Nominators must register with the Japan Prize Foundation in order to have access to the JPNS.

To nominate someone, please and contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697) if you would like assistance with your nomination. The deadline to submit a copy of your application to Mr. Deere for review is January 10.

48) Royal Society of Canada – Awards (various) – March 1, 2018*

Royal Society of Canada – A.G. Huntsman Award

The A.G. Huntsman Award (www.huntsmanaward.org) was established in 1980 by the Canadian marine science community to honour marine scientists of any nationality who have had, and continue to have, a significant influence on the course of marine scientific thought. The Award is named in honour of Archibald Gowanlock Huntsman (1883–1973), a pioneer Canadian oceanographer and fishery biologist.

Royal Society of Canada – Bancroft Award

The Bancroft Award was endowed by Mrs. J.A. Bancroft in 1968 for instruction and research in the science of geology to honour Joseph Austin Bancroft (1882-1957), FRSC who was Dawson Professor at McGill University, 1913-1929. The award is given for publication, instruction, and research in the earth sciences that have conspicuously contributed to public understanding and appreciation of the subject. It consists of a diploma and is offered every two years if there is a suitable candidate.

Royal Society of Canada – Flavelle Medal

For meritorious achievement in biological science. The Flavelle Medal was established in 1924 and was endowed by Sir Joseph Wesley Flavelle (1858-1939), a financier and businessman.

The medal is awarded for an outstanding contribution to biological science during the preceding ten years or for significant additions to a previous outstanding contribution to biological science. The gold plated silver medal is offered every two years if there is a suitable candidate.

Royal Society of Canada – John L. Synge Award

The John L. Synge Award was established in 1986 by the RSC to honour John Lighton Synge (1897-1995), FRS, FRSC, one of the first mathematicians working in Canada to obtain international recognition through research in mathematics. Professor Synge, a Member of the Royal Irish Academy, was Head of the Department of Applied Mathematics at the University of Toronto and later a senior Professor at the Dublin Institute of Advanced Studies. He was the first recipient of the Henry Marshall Tory Medal of the RSC. The award was endowed by friends of J.L. Synge, RSC Fellows, the McLean Foundation and his daughter, Cathleen Synge Morawetz, FRSC. The award is given for outstanding research in any of the branches of the mathematical sciences. In cases where there are two or more strong candidates, some preference is given to those whose age is not over forty in the year of the award. It consists of a diploma and is offered at irregular intervals if there is a suitable candidate.

Royal Society of Canada – Mirosław Romanowski Medal

The Miroslaw Romanowski Medal was established in 1994, at the generous bequest of the estate of internationally renowned metrologist Miroslaw Romanowski. The medal is awarded for significant contributions to the resolution of scientific aspects of environmental problems or for important improvements to the quality of an ecosystem in all aspects - terrestrial, atmospheric and aqueous - brought about by scientific means. The bronze medal and a cash amount of \$3,000 are awarded every year if there is a suitable candidate. An annual lecture series for the award recipient is also associated to the medal.

Royal Society of Canada – Rutherford Memorial Medals

The Rutherford Memorial Medals were established in 1980 by the RSC in memory of Lord Rutherford of Nelson, a great scientist and a leader in nuclear research. They replace the Rutherford Memorial Scholarship founded in 1952 thanks to donations from the Lord Rutherford Memorial Fund. The medals are awarded for outstanding research in any branch of physics and chemistry and in recognition of Lord Rutherford's own research carried out in Canada at a relatively young age. Some preference will be given to candidates whose age is not over forty in the year of the award. Each gold plated silver medal is offered every year if there is a suitable candidate.

Royal Society of Canada – Willet G. Miller Medal

Twelve friends of Willet G. Miller (1867-1925), FRSC, a distinguished geologist and a guiding force in the development of the Ontario mining industry, subscribed funds in 1941 to provide the Willet G. Miller Medal for geology. This medal is offered for outstanding research in the solid earth sciences and a second in the ocean and atmospheric sciences, if suitably worthy candidates are nominated.

Note: Nominations must be put forward by current RSC Fellows. For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

49) NSERC - Gerhard Herzberg Canada Gold Medal for Science and Engineering – March 1, 2018 (TBD)

The Gerhard Herzberg Canada Gold Medal for Science and Engineering, NSERC's highest honour, recognizes research contributions characterized by both excellence and influence – two qualities that defined Dr. Herzberg's illustrious career. It is awarded annually to an individual who has demonstrated sustained excellence and influence in research for a body of work conducted in Canada that has substantially advanced the fields of natural sciences or engineering. In addition to the medal, the winner is guaranteed \$1 million to use for personal university-based research or to direct in some related way, such as the establishment of research chairs in his or her name at Canadian universities. The monetary award is distributed over a five-year period. If the winner already has an NSERC Discovery Grant, that grant is increased to \$200,000 for each of the five years. If the grant is currently greater than \$150,000, it is topped up by \$50,000.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

50) NSERC-Brockhouse Canada Prize for Interdisciplinary Research in Science and Engineering – March 1, 2018 (TBD)

The Brockhouse Canada Prize for Interdisciplinary Research in Science and Engineering recognizes outstanding Canadian teams of researchers from different disciplines who have combined their expertise to produce achievements of outstanding international significance in the natural sciences and engineering in the last six years. The prize is accompanied by a team research grant of \$250,000, which may be used to support the direct costs of university-based research and/or the enhancement of research facilities.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

51) NSERC – John C. Polanyi Award – March 1, 2018 (TBD)

Created in 2006, the NSERC John C. Polanyi Award is given to an individual or team whose research, conducted in Canada, has led to a recent outstanding advance in any NSERC-supported field of the natural sciences or engineering. The research leading to the advance must have been funded at least partially by an NSERC grant. The award is open to all researchers, regardless of their career stage. As part of the award, the winning individual or team will receive a research grant of \$250,000.

Candidates may be nominated by any individual or group; however, the nominators must be Canadian citizens or permanent residents of Canada. Candidates can be at any stage in their career. At least one of the candidates must hold an NSERC grant. Also, the research that led to the advance described in the nomination must have been supported by NSERC.

As the nominator must include a signed letter by an authorized representative of the institution, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697) by **Feb. 1** if you are planning on putting forward a nomination.

52) Royal Society of Canada – College of New Scholars, Artists and Scientists nominations – March 15, 2018 (TBD)

Each year, a total of up to 100 individuals across the arts and sciences will be peer-elected to the RSC's College of New Scholars, Artists and Scientists. In order to be eligible for electoral consideration, nominees will need to be within 15 years of the conferral of their PhD degree (or equivalent qualification). Members of the College will be named for a period of 7 years. At full complement, the College will consist of approximately 600 members.

Guidelines regarding nominations for 2018 will be established shortly. Please stay tuned for future details.

53) Balzan Prize - March 15, 2018 (TBD)

The Balzan Prize's aim is to foster culture, the sciences and the most meritorious initiatives in the cause of humanity, peace and fraternity among peoples throughout the world.

The Prizes are awarded in the subject areas:

- literature, moral sciences, and the arts;
- **physical, mathematical** and **natural sciences** and medicine;
- humanities, peace and fraternity among peoples.

The four subject areas, two in literature, the moral sciences and the arts, and two in the physical, mathematical and natural sciences and medicine, change every year. No more than four prizes may be awarded in any one year.

As stipulated in the Articles of the Foundation, the frequency of the special Prize for Humanity, Peace and Fraternity among Peoples is normally at intervals of no less than three years.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

54) Harvey Prize - March 17, 2018 (TBD)

The Harvey Prize is awarded annually in a variety of disciplines within the categories of Science & Technology and Human Health. The Harvey Prize has also been awarded for Contribution to Peace in the Middle East.

Harvey Prize winners are selected by a council of world-renowned scientists and experts in each field through a rigorous selection process. The Harvey Prize Council, comprised of the President of the Technion, one Vice-President, Dean of the Graduate School, two representatives of both the Israel National Academy of Science and the Technion Senate, reviews all nominations. The Council then makes recommendations, which are scrutinized by professional evaluation committees in the respective fields, and then to the Technion Senate Committee for Honorary Degrees and Prizes.

Laureates are requested to come to the Technion – Israel Institute of Technology to receive their awards. While in Israel, recipients give lectures and meet with Israeli scientists, academicians, and leaders at Technion and other universities. Material from these lectures is published in a continuing library, the Harvey Prize Papers.

The prizes are awarded each year in a five year cycle in two of the following fields of human endeavour:

- 1st Year Two prizes in Science and Technology
- 2nd Year One prize in Science and Technology
 One prize in Human Health

- 3rd Year Two prizes in Science and Technology
- 4th Year One prize in Science and Technology

One prize in Human Health

- 5th Year One prize in Science and Technology
One prize for Outstanding Contribution to Peace in the Middle East or Outstanding Contribution to the Economy or Society

Each Harvey Prize winner will be invited to appear in person at the Technion to receive the prize and spend time at the Institute, teaching his/her subject.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

55) Fulbright Canada - NEXUS Program - March 17, 2018 (TBD)

Fulbright NEXUS Program offers a collaborative model for regional scholarly exchange that moves beyond theory. Program participants will spend up to two years engaged in collaborative thinking, analysis, problem-solving and multi-disciplinary research convened around a theme of transnational relevance. "Climate Change and Adaptation Strategies" will remain NEXUS' thematic focus as scholars work in research teams in the following areas:

- Renewable Energy, including Micro-Grid Innovations;
- Social and Behavioral Adaptation to Climate Change
- Measuring Climate Change and its Impact (Metrics and Standards)
- Climate Change and Biodiversity
- Climate Change and Food and Water Security

Projects focusing on climate change adaptation strategies, and/or public policy focused research ventures that examine strategies to cope with climate variability, including extreme events, are particularly welcome. Projects should also come from a wide range of disciplines, and could include, for example, those in the fields of public health and engineering and design, addressing issues such as changes in air quality, the predominance of water- and food-borne diseases and/or weather-related injury or death, and disaster and emergency preparedness.

Up to 20 individuals will be chosen for this program. Five scholars will be selected from the United States, five from Brazil, and the remaining 10 will originate from Western Hemisphere countries other than the U.S. and Brazil (Latin America, Canada, or the Caribbean).

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty

will be putting a name forward.

56) Enterprise and IT Architecture Awards - March 19, 2018 (TBD)

Enterprise and IT Architecture Awards are a prestigious set of awards, led by the leaders in Enterprise Architecture. These awards have been a success for three consecutive years. Every year, iCMG reaches out to an even larger audience to ensure that the award is rightfully handed over to the best in the industry.

Past participants include global conglomerates like Cathy Pacific, BAA, Tesco, Intel, Dell, COX Enterprises, Deutsche Bank and many others.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

57) IPAC Vanier Medal - March 31, 2018 (TBD)

The Institute of Public Administration of Canada awards annually the Vanier Medal as a mark of distinction and exceptional achievement to a person who has shown distinctive leadership in public administration and public service in Canada, or who, by his/her writings or other endeavours, has made a significant contribution in the field of public administration or public service in Canada. A five member, independent panel of judges, appointed by the IPAC Board reviews all nominations and makes the final determination of the medal recipient.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

58) Rank Prize Funds - March 31, 2018 (TBD)

The trustees seek to identify those individuals who have made a significant contribution to the sciences, on the one hand of human and animal nutrition and crop husbandry and, on the other, optoelectronics, where an initial idea has been carried through to practical applications that have, or will, demonstrably benefit mankind. In general, advances in the field of human and animal nutrition and crop husbandry take many years to prove their worth whereas in optoelectronics the time scale is sometimes remarkably short with inventions being acknowledged and marketed within a few years.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

59) Robert Koch Awards - March 31, 2018 (TBD)

The Robert Koch Medal and Award are two prizes awarded annually for excellence in the biomedical sciences. These awards grew out of early attempts by Robert Koch to generate funding to support his research into the cause and cure for tuberculosis. Koch discovered the bacteria (*Mycobacterium tuberculosis*) responsible for the dreaded disease and rapidly acquired international support, including 500,000 gold marks from the Scottish-American philanthropist Andrew Carnegie.

Since 1970, the Koch Foundation has awarded prizes for major advances in the biomedical sciences, particularly in the fields of microbiology and immunology. The prestige of this award has grown over the past decades so that it is now widely regarded as the leading international scientific prize in microbiology.

The more specific Koch Prize is commonly considered one of the stepping-stones (along with other prizes such as the Lasker Award) to eventual Nobel Prize recognition for scientists in the fields of microbiology and immunology, and a number of Koch Prize winners subsequently became Nobel laureates.

Two separate Robert Koch Awards are presented annually: The Gold Koch Medallion for accumulated excellence in biomedical research and the Koch Prize, €100,000, for a major discovery in biomedical science.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

60) Vetlesen Prize - March 31, 2018 (TBD)

The Vetlesen Prize was established in 1959 by the G. Unger Vetlesen Foundation. The prize is awarded for scientific achievement resulting in a clearer understanding of the Earth, its history, or its relations to the universe. Designed to be the Nobel Prize of the earth sciences, the prize is administered by Columbia University's Lamont-Doherty Earth Observatory. Competition for the Vetlesen Prize is open to any individual anywhere in the world and prizes may be awarded to more than one person at a time. The prize consists of a cash award of \$250,000 and a medal.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

61) Benjamin Franklin Insitute Awards (Ongoing)

The Franklin Institute invites you to nominate candidates for the Benjamin Franklin Medals. From its inception, The Franklin Institute has used awards and prizes to recognize and promote excellence in science, technology, and industry.

This is an international competition for individuals whose work has a significant impact on the aforementioned fields of science and is not restricted by theme or topic. Candidates for the award must be living persons, and the winner is expected to participate in the Awards Ceremony and other Awards Week events in Philadelphia. The subject of the candidate's research must be an invention, discovery, technological development, or a body of work reflecting extraordinary insight, skill, or creativity. The work must have scientific value and/or proven utility. It must have provided significant direction for future research, solved an important problem, or provided great benefit to the public. There must be sufficient submitted documentation to support further investigation.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

62) Europe Business Assembly - Socrates Awards (Ongoing)

The medal of the "Socrates Award" is made of precious metals with a Socrates image in profile which is covered with pure gold (999,9 standard) and encrusted with Swarovski crystals. There is an inscription on a medallion "Primus Inter Pares". The medallion is attached to the medal atlas ribbon.

It is presented in the following nominations:

- Government management
- Education
- Science and Technology
- Culture and Art
- Economics and Business
- Medicine and Pharmacy

The main award criteria:

- professional experience and achievements,
- personality global influence global influence to the social and economic progress
- high business/scientific reputation,
- implementation of innovations in different spheres,
- modern management tools

Entry is open for prominent scientists, artists, businessmen, politics and public figures.

For assistance in nominating someone, please contact Brent Deere (brent.deere@umanitoba.ca or by phone at 204-474-8697). Should you not require our assistance, for our record keeping purposes, we would appreciate knowing if you or your faculty will be putting a name forward.

For all of the above awards, do not hesitate to contact Brent Deere, Research Awards Administrator (brent.deere@umanitoba.ca or 204-474-8697) if you require further information.

Please make recommendations to Mr. Deere preferably at least once a month, the names of individuals who could be nominated within your units for national or international awards or prizes over the next 6-12 months.

Sincerely,

Brent Deere, B.Comm. (Hons.) for **Dr. Digvir Jayas, Vice-President (Research and International)**
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Bringing Research TO LIFE

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