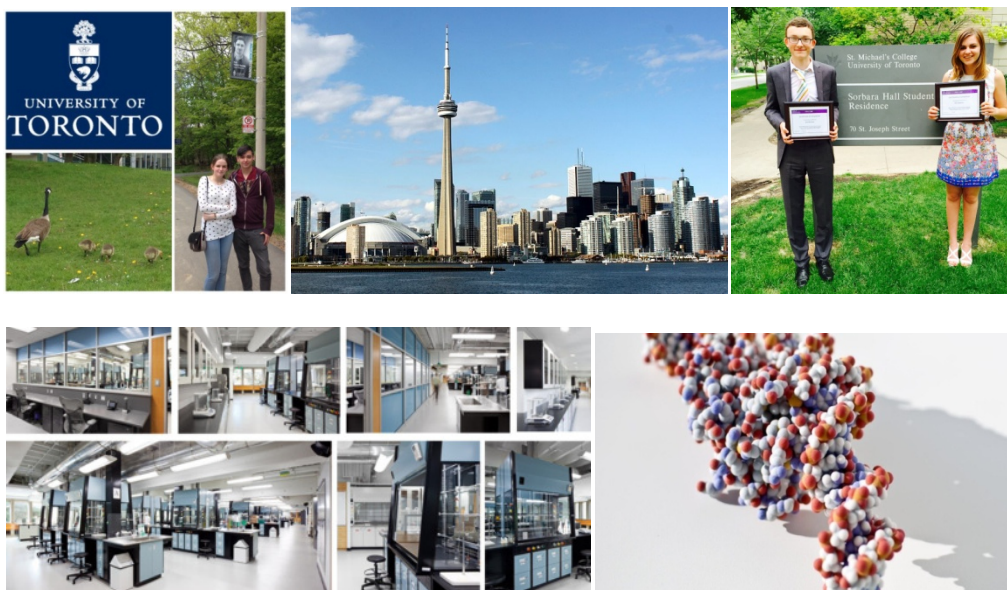


Canadian Science Scholarship

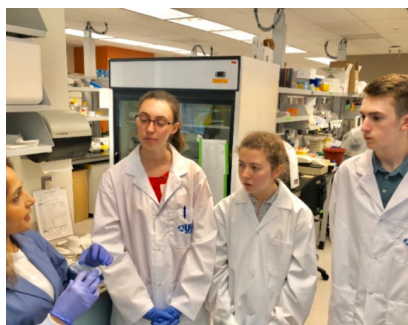
2020

Programme Description

and Procedures



For video introduction to the programme visit **youtube** and search on
“Aspire new edit Dec 2018”



2019 Scholarship Participants

I. General

The Baird of Bute Society has since 2014 offered a Canadian Science Scholarship and invites applications for each of the two places in the 2020 Programme.

The Scholarship is offered in June 2020 – ideally commencing as close to June 1st as possible – dictated, in the main, by participant school requirements.

II. Background

The Society

The Scholarship has been developed by the Baird of Bute Society which offers programmes to young people across Scotland. The Society was established to honour Andrew Blain Baird a humble Bute blacksmith who in 1910 achieved the First Attempted All-Scottish Heavier than Air Powered Flight in an aircraft of his own design and manufacture.

The Society employs Baird's example to **Inspire** the youth of Scotland to **Aspire** to achievement in their lives.

Purpose

The purpose of the Canadian Science Scholarship is to provide two young people, chosen from across Scotland, the opportunity to acquire experiences and skills to allow each to better succeed in their upcoming university studies.

The Scholarship Participant spends at least two weeks in the Baird of Bute Society's "Bench to Bedside" programme in a number of mainly Toronto based participating institutions and organizations. Prof. Patrick Gunning's University of Toronto cancer research facilities provides the bench while with Prof. Hazel Markwell they will be immersed in several healthcare, research and delivery related facilities, and bio-ethical certification.

Through these opportunities, the Participant will enhance his/her science knowledge and skills and will have numerous opportunities for multi-disciplinary networking, continuing education, and access to a wide range of life science expertise in a variety of health care settings. The Baird of Bute Society Canadian Science Scholarship provides a unique opportunity for the Participant to broaden and deepen his/her interest in and understanding of Science.

III. The Scholarship Programme

The Scholarship Programme is entitled “*From Bench to Bedside*” and follows Life Science from the genesis of an idea, to research, development, testing, clinical and human trials and ethical issues all the way to its introduction at the bedside.

Faculty and Facilities (*Timing and locations subject to possible modification*)

As an introduction to the breadth and depth of Science the Programme begins at the Ontario Science Centre in Toronto.

i. Ontario Science Centre – Toronto (2.0 days)

The Ontario Science Centre delights, informs and challenges, enriching people’s live and understanding through engagement with science of local, national and global relevance. Since 1969, the Ontario Science Centre has welcomed more than 50 million visitors, with an interactive approach that was the model for Science Centres around the world. It is the public centre for innovative thinking and provocative dialogue in science and technology, aiming to inspire a lifelong journey of curiosity, discovery and action to create a better future for our planet.

ii. University of Toronto – Mississauga (4.0 - 5.0 days) – “The Bench”

The UofT Mississauga is the home of the Gunning Group, one of the world’s most celebrated bio- Chemistry research teams currently working on a drug which is aimed at treating three forms of Cancer. Here the Participants experience hands on experience at all stages of this research.

Dr. Patrick Gunning hosts this segment of the Programm

iii. Health Care Facilities (2.0 to 3.0 days) “The Bedside”

The Scholarship programme is supported by Toronto’s University Health Network, and its group of Canada’s leading world class hospitals and research facilities, affording scholarship Participants the opportunity to understand the connection between research and patient care.

Dr. Markwell leads participants through the internationally recognised qualification process in the issues involved in the ethical conduct of research involving human participants

iv. The Mentors in Canada



Mr. Christopher Markwell - *Scholarship Host and Chair of the Baird of Bute Society*



Dr. Patrick Gunning PhD - *Assistant Professor, University of Toronto and Head of the Gunning Group*



Dr. Hazel Markwell PhD - *Associate Professor and Chair of Bioethics, St Paul (Ottawa) University and President Markwell Ethics Inc.*

IV. Eligibility Requirements

The Baird of Bute Society welcomes high-quality nominations from young people who meet the essential criteria:

- High academic achievement
- Good character
- Can use the experience to have positive impact on others
- Citizen or permanent resident of Scotland
- Possess a passport valid until at least December of 2020
- Meets Canadian Government Visitor admission requirements
- 18 years of age by June 1st of 2020
- Progressing towards a Scottish University in a Life Science or related programme
- No criminal record
- Record of community involvement
- Team player
- Proposed, endorsed and supported by their school
- Prepared to maintain daily blog with the other participants
- Prepared to complete weekly blog during 1st year of University
- Able to be insured for Visitors to Canada health insurance coverage
- Submit a personal Letter of Application
- Agree to be interviewed, as required, for selection (in person or on-line)
- Possess immunization as may be required by participating institutions

- Proposed, endorsed and supported by their school
- Fundraising as might be required to cover personal incidentals and travel to/from Glasgow airport

V. How to apply

The School

Participating Scottish schools present the opportunity to potential participants – supported by posters, videos and printed materials.

The School may present only one selected and supported candidate for review and consideration by the Baird of Bute Society.

The Student

Students who have been informed of and wish to pursue the opportunity must approach their Head of Year, Guidance Teacher or Head Teacher and request an application form. *(In granting the application the school has indicated it would consider the student for their supported nomination).*

The Student must return the completed Application (Exhibit A) to the specified individual at the school. Application form is available on the website or through the school.

The School

One nomination will be accepted from each school. The nomination with the completed application, the applicant's letter of interest and the school's letter for support must be emailed to bairdcdnsience@bairdofbute.co.uk no later than January 15, 2020.

The Baird of Bute Society

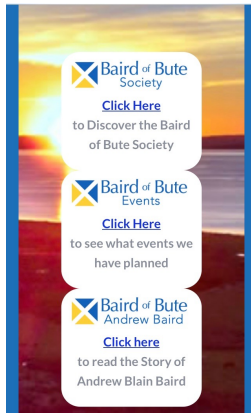
By February 1, 2020 selected candidates will be contacted for an interview to be conducted in person, by phone and or internet connection.

By March 1, 2020 the two successful participants will be advised of their selection and the dates and agenda of the Scholarship programme.

Note: The Scholarship programme will commence and terminate at Glasgow Airport. It is the responsibility of the participant (perhaps locally assisted) to provide required transportation. However, the selected candidate may, if required, request assistance with these expenses from the Baird of Bute Society.

APPLICATION FORM ATTACHED

ADDITIONAL INFORMATION *(Baird of Bute Society)*



www.bairdofbute.co.uk

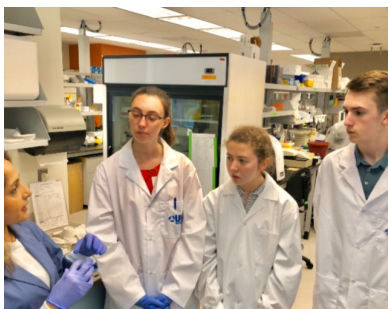
SCHOLARSHIP YOUTUBE VIDEO



Aspire New Edit Dec 2018 Final ▾

YouTube search on "[Aspire new edit Dec 2018 Final](#)"

SAMPLE PARTICIPANT BLOG *(programme locations subject to change)*



<https://bairdofbutescholarship2019.science.blog/>



2020 CANADIAN SCIENCE SCHOLARSHIP APPLICATION

To apply please complete this Application, attach your personal letter detailing why you should be considered and return it to your school by January 15th for their submission to the Baird of Bute Society.

Student Name

Birth date:

Age:

Male:

Female:

Address:

City/Town:

Post Code:

School Name

Scottish Citizen / Permanent Resident (y/n):

Valid Passport (y/n):

Phone (home):

Phone (mobile):

E-Mail:

Criminal Record (y/n):

Immunizations up to date (y/n):

Pre-existing conditions for Ins (y/n):

University(ies) Applied:

Acceptance (y/n):

Major:

Programme of Study Selected:

Community Involvement:

Hobbies, Clubs, Sports:

Additional Comments: Please include in your personal letter supporting your application.

I am applying for this Scholarship - if selected for interview will be contacted by February 1st - if successful will be advised by the Society by March 1st . The Programme will commence on or about June 1st .

Student Signature:

Date:

Parent or Guardian:

Date:

For School:

Title:

Date



Attention S6 Leavers

Canadian Science Scholarship

Toronto, June 2020



ASK FOR AN APPLICATION FORM

Apply by January 15th

