

8888 University Drive, Burnaby, BC
Canada V5A 1S6TEL: 778.782.3925
FAX: 778.782.5876vpacad@sfu.ca
www.sfu.ca/vpacademic**MEMORANDUM**

ATTENTION Senate **DATE** October 8, 2014
FROM Jon Driver, Vice-President, Academic and Provost, and Chair, SCUP **PAGES** 1/1
RE: Callum Frost Professorship in Translational Research in Autism (SCUP 14-28)

At its October 8, 2014 meeting, SCUP reviewed and approved the Terms of Reference for the Callum Frost Professorship in Translational Research in Autism.

SCUP reviewed the proposal for the naming of the Callum Frost Professorship in Translational Research in Autism. The proposal is attached for the information of Senate.

Motion:

That Senate approve and recommend to the Board of Governors the Terms of Reference for the Callum Frost Professorship in Translational Research in Autism.

c: C. Cupples
N. Cardozo

SFU

FACULTY OF SCIENCE
Dean of ScienceTASC II 9900
8888 University Drive, Burnaby, BC
Canada V5A 1S6TEL 778.782.5530
FAX 778.782.3424

www.sfu.ca/science

MEMORANDUM

ATTENTION Jon Driver, Vice-President, Academic **DATE** September 19, 2014
FROM Claire Cupples, Dean, Faculty of Science **PAGES** 9
RE: Professorship Naming

**Background**

We have been talking for several months with Darryll Frost, President and CEO of Central City Brewing about funding for autism research at SFU. In 2012, their son Callum was diagnosed with Pervasive Development Disorder, a type of autism. After Callum's diagnosis, Darryll and Lee put Callum on the Gut and Psychology Syndrome diet and began Hyperbaric Oxygen Therapy for him. Callum, who was nonverbal until the age of four, showed steady progress and today exhibits behaviors of a typical child. Darryll and Lee are convinced that with appropriate therapy children can recover from autism.

The Frosts hosted Central City's 2nd Annual Fundraising Gala for Autism in 2014, with the intent of supporting SFU research on the effectiveness of Hyperbaric Oxygen Therapy in the treatment of autism. Through the establishment of the *Callum Frost Professorship in Translational Research in Autism*, Darryll and Lee Frost commit to supporting research that leads to a better understanding of the effectiveness of Hyperbaric Oxygen Therapy in the treatment of autism.

This research would include, but not be limited to, studying the effect of hyperbaric oxygen therapy using the pressure chamber in the EMPU facility in BPK. This chamber, unique in western Canada and one of very few research units in North America, is currently used primarily for training purposes (e.g. pilots, divers, coast guard, etc.) and is underutilized for research. The lack of research stems from the fact that there are currently no faculty members at SFU whose research centre is on the facility.

In recognition of Darryll and Lee Frost's \$500,000 contribution, we propose the creation of the *Callum Frost Professorship in Translational Research in Autism*. This has been approved by the appropriate Dean, Vice-Presidents and President as indicated in the attached document.

I request that you submit the Terms of Reference for the *Callum Frost Professorship in Translational Research in Autism* to SCUP and Senate for approval of creation and naming.

 Claire Cupples

Cc: C. Daminato, Vice-President, Advancement and Alumni Engagement

Attached: Named Recognition Authorization- Chairs and Professorships form
 Gift Agreement and Terms of Reference for Professorship



Named Recognition Authorization – Chairs and Professorships

Pursuant to Section 4.2 of GP 35 *Named Recognition of Buildings, Academic Endowments and Academic Units* which states that Presidential approval together with the approval of the Dean, Vice-President, Academic, and Vice-President, Advancement & Alumni Engagement in consultation with the Senate Committee on University Priorities (SCUP) and Senate is required for the naming of Chairs and Professorships established in accordance with Policy A 10.06, Appointment of Specially Funded University Chairs, University Professors and Research Fellows, and Policy A 10.03, Endowments for Academic Appointments:

Donor Name: Darryll and Lee Frost

Gift Details: Total gift of \$500,000, in annual installments of \$100,000 to support the Professorship in Translational Research in Autism. The Professorship, housed in the Faculty of Science, will conduct research on atypical brain development with a strong focus on autism. Particular emphasis will be placed upon the use of magnetoencephalographic (MEG) brain imaging to assess brain function in individuals with autism, including the impact of clinical interventions, as well as evaluating the efficacy of hyperbaric oxygen treatment (HBOT) for autism.

Proposed Named Recognition Details: In recognition of this gift, we propose the creation and naming of the *Callum Frost Professorship in Translational Research in Autism*.

Presidential, Vice-Presidential and Dean Approval:

I hereby approve the official creation and naming of the *Callum Frost Professorship in Translational Research in Autism*.

Andrew Petter
President and Vice-Chancellor

Sept 15/14
Date

Jon Driver
Vice-President, Academic

15 September 2014
Date

Cathy Damnato
Vice-President,
Advancement and Alumni Engagement

Sept. 15, 2014
Date

Claire Cupples
Dean, Faculty of Science

12.9.14
Date

Senate Committee on University Priorities (SCUP) consultation held during _____ session.

Senate consultation held during _____ session.

GIFT AGREEMENT
Simon Fraser University
Darryl and Lee Frost

THIS GIFT AGREEMENT is made this 16 day of September 2014.

WHEREAS:

- A. Darryl and Lee Frost (the DONORS) wish to pledge support for the Faculty of Science at Simon Fraser University (the UNIVERSITY) by creating the Callum Frost Professorship in Translational Research in Autism (the PROJECT).
- B. The DONORS have voluntarily decided to make a gift of \$500,000 to be paid by cash (the GIFT) in five installments of \$100,000 each in September 2014, September 2015, September 2016, September 2017, and September 2018.
- C. The DONORS and the University affirm their mutual commitment to the University's mission – to advance knowledge through teaching, research and engagement with the community – and to its Values and Commitments, in particular, the preservation of intellectual and academic freedom in teaching and research
- D. The UNIVERSITY has been advised of the DONORS' intents and wishes as set out herein.

THIS GIFT AGREEMENT WITNESSES THAT, upon and subject to the terms of this Agreement:

- 1. The DONORS confirm that the above recitals are true and correct. The recitals form part of this Agreement.
- 2. The Terms of Reference for the Callum Frost Professorship in Translational Research in Autism are appended hereto as Appendix A.
- 3. In making the GIFT, the DONORS have relied on the assurances by the UNIVERSITY to them that the UNIVERSITY is a registered charity under the Income Tax Act (Canada) with business number BN (11852 0725 RR0001).

4. The DONORS understand that the creation and naming of the Callum Frost Professorship in Translational Research in Autism is subject to all normal university approvals.
5. The DONORS understand that each year the UNIVERSITY will issue a report of the activities of the Callum Frost Professor in Translational Research in Autism and a financial report outlining the use of the funds donated.
6. The value of charitable receipts issued by the UNIVERSITY will be established in accordance with the Income Tax Act (Canada).
7. This Agreement will in all respects be governed by the laws of the Province of British Columbia and the laws of Canada applicable in that province.
8. Except as expressly provided herein,
 - a. The DONORS and the UNIVERSITY have not made or given any collateral promises, commitments or covenants; and
 - b. The DONORS have not requested and do not wish to receive any benefit, consideration, indemnity or commitment from the UNIVERSITY in connection with, or as consideration for the transfer of the GIFT.
9. This AGREEMENT is made unilaterally by the DONORS and is not delivered as part of a bargain or the exchange of value or consideration. This Agreement is not a contract and cannot be enforced as a contract by the DONORS or the UNIVERSITY.
10. The DONORS confirm that they have obtained independent legal advice and income tax advice with respect to the GIFT, and the legal and tax consequences to them of entering into and completing the transactions contemplated in this AGREEMENT and that the UNIVERSITY has made no representation or warranty to the DONOR regarding legal or tax consequences in respect of the GIFT.
11. The DONORS represent and warrant to the UNIVERSITY that they are residents of Canada for purposes of the Income Tax Act (Canada).



IN WITNESS WHEREOF the DONOR has signed, this _____ day of _____
2014.

SIGNED & DELIVERED



Mr. Darryl Frost

Sept 16th, 2014
Date

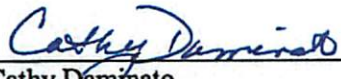


Ms. Lee Frost

16th SEPT 2014
Date

Accepted by

SIMON FRASER UNIVERSITY



Cathy Daminato
Vice-President, Advancement
and Alumni Engagement

September 16, 2014
Date



Callum Frost Professorship in Translational Research in Autism

TERMS OF REFERENCE

1. Terms of Reference Summary

The Callum Frost Professorship in Translational Research in Autism was established in 2014 with a generous commitment of \$500,000 over five years from Darryl and Lee Frost. The Professorship, housed in the Faculty of Science, will conduct research on atypical brain development with a strong focus on autism.

Particular emphasis will be placed upon the use of magnetoencephalographic (MEG) brain imaging to assess brain function in individuals with autism, including the impact of clinical interventions. Specific focus will be placed on using MEG imaging to evaluate the efficacy of hyperbaric oxygen treatment (HBOT) for autism, given the availability of unique facilities at SFU.

This research will provide the foundation for a broad-based translational neuroscience research program, including but not limited to evaluating HBOT in conjunction, when appropriate, with other therapies. The Callum Frost Professorship will focus on translational research with an emphasis on functional neuroimaging and its use for understanding the basis of neurodevelopmental disorders, as well as identification of potential new methods for diagnosis, assessment of brain function and evaluation of treatment efficacy in clinical populations including autism. The Professorship holder will assemble a multidisciplinary team from behavior, clinical and scientific standpoints. The group will apply to peer-reviewed grant agencies to support their research.



2. Darryl and Lee Frost

Central City Brewers + Distillers' president and founder Darryll Frost, along with his wife Lee, are passionately committed to supporting autistic children and their families.

In 2012, their son Callum was diagnosed with Pervasive Development Disorder, a type of autism. After Callum's diagnosis, Darryll and Lee put Callum on the Gut and Psychology Syndrome diet and began Hyperbaric Oxygen Therapy for him.

Callum, who was nonverbal until the age of four, showed steady progress and today exhibits behaviors of a typical child. Darryll and Lee are convinced that with appropriate therapy children can recover from Autism.

In 2013, Darryll and Lee hosted Central City's first fundraiser for autism, with the proceeds of the event supporting the Canucks for Kids Fund and research in autism under Dr. Susanne Lewis at BC Children's Hospital.

The Frosts hosted their 2nd Fundraising Gala for Autism in 2014, with the intent of supporting SFU research on the effectiveness of Hyperbaric Oxygen Therapy in the treatment of autism. Through the establishment of a Professorship in Translational Research in Autism, Darryll and Lee Frost commit to supporting research that leads to a better understanding of the effectiveness of Hyperbaric Oxygen Therapy and other therapies in the treatment of autism.



3. Professorship

The Callum Frost Professor in Translational Research in Autism will be appointed in accordance with SFU Policy A 10.01 and 10.06. The appointee will be an expert on the topics of autism, developmental cognitive neuroscience and clinical neuroscience, as well as the use of functional neuroimaging, including magnetoencephalography (MEG), in clinical child and adolescent populations.

The appointee will have strong expertise in computational approaches for characterizing functional brain activity, and its alteration in clinical populations, including expertise on neural oscillations and connectivity analysis.

The appointee will furthermore have an established track record of research in brain imaging in clinical child and adolescent populations. The appointee will bring excellence in research and teaching in these fields. The appointee will provide a written report on annual basis to the donor. The appointee will meet at least once a year with the donors and the Dean of Science to report on the progress of the research program.

4. Fund Administration

The administrator of the Fund will be the Vice President - Academic, or their designate. The annual contribution by the donors will help support the equivalent of an Assistant Professorship 4 salary and benefits, the Faculty of Science will provide salary top-up, benefits, lab space, essential renovations and research start-up funding, as determined by the Dean, Faculty of Science and subject to the approval of the VP Academic.



APPENDIX A

Accepted by:



Mr. Darryl Frost



Date




Ms. Lee Frost



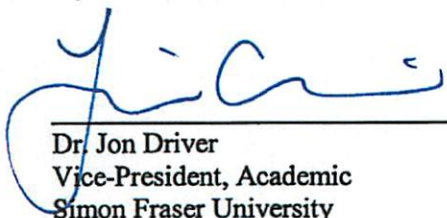
Date



Dr. Claire Cupples
Dean, Faculty of Science
Simon Fraser University




Date




Dr. Jon Driver
Vice-President, Academic
Simon Fraser University



Date



Cathy Daminato
Vice-President, Advancement and
Alumni Engagement
Simon Fraser University



Date