



CANSSI Townhall 2023

The Canadian Statistical Sciences Institute
Institut canadien des sciences statistiques

Data.Discoveries.Decisions
Données.Découvertes.Décisions



AGENDA

1. Report on some activities
2. CANSSI's budget and award
3. Updates about CANSSI programs
4. EDI and mentoring activities
5. Developing activities
6. Remaining questions

New Collaborative Research Team (CRT) Projects

- ***Statistical Design of Bayesian Adaptive Clinical Trials***
 - Ann Heath, University of Toronto and the Hospital for Sick Children
 - Shirin Golchi, McGill University
 - Haolun Shi, Simon Fraser University
 - UoT, U. Texas, Manitoba, Alberta, Udm, UBC, Ottawa, McGill, McMaster, SFU

- ***Statistical Tools for Spatio-temporal Sensor-based Traffic Data***
 - Aurélie Labbe, HEC Montréal
 - Lijun Sun, McGill University
 - HEC Montréal, McGill, McMaster, Waterloo

New CANSSI Distinguished Postdoctoral Fellows (CDPF)

- **William Ruth** (from Simon Fraser University). Supervisors: Bruno Rémillard (HEC Montréal) and Bouchra Nasri (Université de Montréal).
- **Alex Sharp** (from University of Waterloo). Supervisors: Benjamin Bloem-Reddy (University of British Columbia) and Chris J. Maddison (University of Toronto).
- **Chi-Kuang Yeh** (from University of Waterloo). Supervisors: Archer Yi Yang and Qihuang Zhang (McGill University) and Peijun Sang (University of Waterloo).
- **Mai Ghannam** (from University of Windsor). Supervisors: Rafal Kulik (University of Ottawa) and Stanislav Volgushev (University of Toronto) **(with Ontario)**

Graduate Student Enrichment Scholarships (GSES)

- **Michelle Miranda**, University of Victoria
- **Keegan Korthauer**, University of British Columbia
- **Alexander Shestopaloff**, Memorial University
- **Aida Eslami**, Laval University
- **Vianey Leos Barajas**, University of British Columbia
- **Orla Murphy**, Dalhousie University
- **Himchan Jeong**, Simon Fraser University
- **Jessica Gronsbell**, University of Toronto
- **Alex Stringer**, University of Waterloo

Overview of Budget

			<u>AVERAGE</u>
ANNUAL FUNDING			
NSERC contribution			1,340,480
CANSSI corporation			187,500
SFU			107,000
TOTAL FUNDING (CASH)			<u>1,634,980</u>
Note: SFU provides in kind support of 422,000 annually			
Less: operational budget (Salaries, communications, web, legal, etc)			<u>(437,084)</u>
AVAILABLE FOR PROGRAMMING			<u>1,197,896</u>
CORE SCIENTIFIC PROGRAMMING			
Collaborative Research Teams (CRT)	avge 8/year	71,375	571,000
CANSSI Distinguished Postdoctoral Fellowships (CDPF)	avge 6/year	62,140	372,840
Graduate Student Exchange Scholarship (GSES)	4 per year	15,000	60,000
Research for Social Good (RSG)	2/year	5,000	10,000
Regional Centres	4 centres	21,700	86,800
Equity, Diversity & Inclusion programming	1/year	50,500	50,500
Workshops/Conferences/Datathons	11/year	4,000	44,000
Distinguished Visitor Program	2/year	2,000	4,000
Statistical Society of Canada/Canadian Statistics Student Conference	1/year	18,000	18,000
TOTAL CORE PROGRAMMING			<u>1,217,140</u>
REMAINING			<u>(19,244)</u>

Overview of Budget

CANSSI BUDGET
To March 31, 2027



GRANT	2023-2024	2024-2025	2025-2026	2026-2027	2022-2023
Collaborative Research Teams	919,158	568,365	456,500	340,000	606,174
CANSSI Distinguished Postdoctoral Fellowships	281,275	414,998	440,715	354,375	187,171
	<u>1,200,433</u>	<u>983,363</u>	<u>897,215</u>	<u>694,375</u>	<u>793,345</u>
Graduate Student Exchange Scholarships	45,000	45,000	45,000	45,000	615
Research for Social Good	10,000	10,000	10,000	10,000	-
Equity, Diversity, Inclusion, Mentoring	48,500	48,500	48,500	48,500	49,451
Regional Centres	35,000	87,250	87,250	78,750	13,650
Workshops, Conferences, Datathons	35,250	19,000	19,000	19,000	22,736
Distinguished Visitor Program	4,000	4,000	4,000	4,000	1,000
	<u>177,750</u>	<u>213,750</u>	<u>213,750</u>	<u>205,250</u>	<u>87,452</u>
Communications and Outreach	7,000	7,000	7,000	7,000	26,065
Deputy Director Support	13,000	13,000	13,000	13,000	14,973
Salaries	178,500	182,070	185,711	189,426	183,097
	<u>198,500</u>	<u>202,070</u>	<u>205,711</u>	<u>209,426</u>	<u>224,136</u>
TOTAL GRANT EXPENDITURES	<u>1,576,683</u>	<u>1,399,183</u>	<u>1,316,676</u>	<u>1,109,051</u>	<u>1,104,933</u>

CORPORATION	2023-2024			
REVENUE - Membership Fees	<u>187,500</u>			
SPECIAL PROGRAMMING				
CANSSI Regional Centres	30,605	18,750	10,000	-
EDI Activities (CANSSI Showcase)	2,000	2,000	2,000	2,000
Graduate Student Exchange Scholarships	15,000	15,000	15,000	15,000
SSC Activities	18,000	18,000	18,000	18,000
Workshops	20,000	20,000	20,000	20,000
	<u>85,605</u>	<u>73,750</u>	<u>65,000</u>	<u>55,000</u>
OVERHEAD				
Associate Director RA	11,000	11,000	11,000	11,000
Director's Expenses	7,500	7,500	7,500	7,500
Insurance	4,700	5,000	5,200	5,400
Legal	3,000	1,000	1,000	1,000
Miscellaneous and Office	5,000	5,000	5,000	5,000
Partial Salaries - 3 Staff	80,000	81,600	83,232	84,897
Promotional	3,000	3,000	3,000	3,000
Software licenses (file storage, social media management, survey tools)	4,650	4,650	4,650	4,650
Website hosting and maintenance	6,000	6,000	6,000	6,000
	<u>124,850</u>	<u>124,750</u>	<u>126,582</u>	<u>128,447</u>
TOTAL EXPENSES	<u>210,455</u>			
NET LOSS	<u>(22,955)</u>			

Overview of Budget



Observations about the grant competition, CANSSI's grant, and organization of statistical events

Changes

- New Associate Directors
 - Atlantic: Yildiz Yilmaz, Memorial University
 - Rockies: Lang Wu, UBC
 - Quebec: Denis Talbot, Laval University
 - Smaller Institutions: Wesley Burr, Trent University
 - CANSSI Quebec Regional Director: Méлина Mailhot, Concordia University

The Associate Director for Smaller Institutions was created to provide the Directorate with the viewpoint of an important part of our community.

Changes

- Graduate Student Enrichment Scholarship (GSES)
 - Reduced the program to the new researcher variation
 - Budget \$15K over two years
 - Eligibility extended to the first four years of first tenure track position
 - Establishing the application process on a regular calendar, accepting applications in the fall with deadline in December and decisions by early July
 - Establishing a Graduate Program Advisory Committee for adjudication
 - Partnership with Banting for biostatistics has increased budget of \$30K shared by Banting and CANSSI

Changes

- Research for Social Good (RSG)
 - Relaunching in the fall
- CANSSI team support for the community
 - The CANSSI team is providing organizational and communication support for faculty organizing events

CANSSI EDI

- CANSSI EDI education courses are proving very popular
- CANSSI EDI policy for recruitment and treatment of students and postdoctoral fellows
- Systematically enforcing CANSSI's use of non-reputation-based metrics for all adjudications
- Ambition to develop the Florence Nightingale Day event as a major outreach to high school students across Canada
- Major sponsor of Vancouver Data Jam
- Gathering diversity information to evaluate how well we reach all dimensions of our community

Community Building

- Established the Associate Director for Smaller Institutions
- CANSSI Showcase
- CANSSI Statistical Meme competition
- Major sponsor of the SSC Annual Meeting and the CSSC
- Continuing Director and Deputy Director visits to institutions around Canada

Mentoring Initiatives

- Allowing senior mentors for teams applying for CDPF and CRTs has allowed teams led by junior faculty to compete
- The GSES program develops mentoring relationships
- The NISS Grant writing workshop is developing strong mentoring relationships
- Plan to develop some training and mentoring courses for graduate students
- Potential developing partnership with the Institute for Mathematical Statistics which could provide a capability of matching faculty for mentoring relationships

EDI, Community Building, Mentoring

We plan to focus on making these activities successful before exploring new initiatives

Developing Activities

- Establishing a new Excellence Recruitment Scholarship in Quebec to attract excellent PhD students – we hope to develop as a model for every province
- Have received requests to launch a network program patterned after the Health Science Collaborating Centres
- Attempting to get funding for the Florence Nightingale Day
- Exploring Research Tools and Instrumentation program to get funding to support data acquisition, license, cleaning
- Revising and revising all of the CANSSI operating documents

Questions and comments

- Now you can start throwing rotten fruit!



THANK YOU
