FGSR Council Meeting

May 6, 2021



Agenda:

Updates/Discussion – Graduate studies, Research

(informal format)

- Graduate Studies:
 - REPORT: Grad Studies Officer (Applications, Enrolments, Scholarships)
 - SMU-approved program changes achieving & awaiting MPHEC approval
 - Other Grad Issues
 - Q&A / Discussion
- Research:
 - Canada Research Chair EDI Action Plan
 - Support for Indirect Costs of Research (TriAgencies RSF, GRF; Contract Overhead)
 - External Research Funding overview and trends
 - SMU Strategic Research Plan Renewal 2021-26: DRAFT (highlights)
 - Research Data Management / Research supports from Library+
 - REPORT: Research Grants Officer
 - REPORT: Office of Innovation and Community Engagement, CLARI
 - REPORT: Research Ethics Board update
 - SMU Undergraduate Summer Research Award "harmonized application" programs
 - Recent SMU Tri-Agency Grant results
 - Return to Research status

Intro/Reminder: FGSR Office staffing and roles

Dr. Adam Sarty

Dean & Associate Vice President Research

Dr. Colleen Barber

Associate Dean Student Affairs

Heather Gray Graduate Studies and Scholarship Liaison Officer **Shane Costantino** Assistant to the Dean

Tanya Carroll Graduate Studies Program Assistant

Leah Ray Graduate Studies and Scholarship Liaison Officer



FACULTY OF GRADUATE STUDIES AND RESEARCH

Intro/Reminder: FGSR Office staffing and roles

Margaret Schenk

Research Grants Officer

Coming soon: Research Grants Facilitator (said this in Dec 2019...)

Office of Innovation and Community Engagement

Kevin Buchan Director

Danielle Goodfellow

Orshy Torok

Research Ethics Officer

Industry Liaison Officer

Vanisa Omicevic Research Office Assistant

Change Lab Action Research Initiative (CLARI)

Ray MacNeil CLARI Network Manager



Graduate Studies Officer Report

FGSR Faculty Council 6 May 2021



2021 FGSR Admissions As of April 28, 2021

1889 Applications Received to Date

(June 10, 2020=1396) (April 29, 2019 = 1400) (April 20, 2018 = 1154) (April 18, 2017 = 907)

747 Offers of Admission Have Been Sent to Date

(June 10, 2020=497) (April 29, 2019 = 436) (April 20, 2018 = 402) (April 18, 2017 = 307)

An additional 62 offers of admission have been declined in the CRM.

NOTING: Our new fully online application portal ("CRM Recruit") was launched in Aug 2020, and has been used for all grad applications since then...still working out all bugs, but couldn't have managed this high level of apps during COVID – or at all – without it. AFTER 5+ YEARS!!!

Total Number of Graduate Students

 As of April 27, 2021 there were 512 Registered Graduate Students at Saint Mary's University

(that is down from where we have been in past...were 547 last April, and have been up as high as ~650 prior ... but increasing applications and coming new programs will change this trend)



THIS YEAR (27 Apr 2021)

Program	Students Registered	
Master of Finance		67
Master of Science - App Sci		53
Master of Business Admin		49
Master of Science - Comp Data		40
Master of MGMT Cooperatives		34
Master of Tech Entr Inno		33
Master of Science - App Psy		26
Doctor of Phi - App Science		24
Inter Master of Teach English		24
Doctor of Phi - Management		23
Master of Arts - WGST		23
Executive Master of Bus. Admin		18
Doctor of Phi - Industrial Org		17
Master of Arts - GEOG		11
Master of Applied Economics		10
Master of Arts - ACST		10
Master of Arts - IDST		10
Master of App Health Serv Res		9
Visiting		5
Post-Bacc Cert App Economics		5
Doctor of Phi - Interna Dev St		4
Master of Arts - HIST		4
Doctor of Phi - Astronomy		3
Master of Arts - RELS		3
Master of Science -ASTR		3
Master of Arts - PHIL		2
Graduate Diploma - MMCCU		1
Master of Arts - CRIM		1
TOTAL	4	512

Snapshots of Enrolments by Program

LAST YEAR (Apr 2020)

	Master of Finance	83
	Master of Science - Comp Data	70
	Master of Science - App Sci	54
	Master of Business Admin	45
	Master of Tech Entr Inno	36
	Doctor of Phi - Management	29
	Master of MGMT Cooperatives	27
	Doctor of Phi - App Science	22
	Master of Science - App Psy	22
	Master of Arts - WGST	19
	Executive Master of Bus. Admin	18
	Master of Applied Economics	15
	Doctor of Phi - Industrial Org	13
	Master of Arts - IDST	12
	Inter Master of Teach English	11
	Master of Bus Admin CPA	11
	Master of Arts - ACST	10
	Master of Arts - GEOG	10
	Master of App Health Serv Res	8
	Master of Arts - HIST	6
	Doctor of Phi - Interna Dev St	5
	Master of Science -ASTR	5
	Doctor of Phi - Astronomy	3
	Master of Arts - CRIM	3
	Master of Arts - RELS	3
	Visiting	3
On	Master of Arts - PHIL	2
_	Post-Bacc Cert App Economics	2

External Student Funding 2021-22 SSHRC

- 7 SMU graduate students were offered J. Armand Bombardier CGSM Scholarships (\$17,500 each over 1 year)
- 1 SMU graduate student was offered a SSHRC CGSD3 Scholarship (\$35,000 per year for 3 years)

NSERC

- 3 SMU graduate students were offered Alexander Graham Bell CGSM Scholarships (\$17,500 each over 1 year)
- 1 SMU graduate student was offered an NSERC PGSD3 scholarship (\$21,000 per year for 3 years)

<u>CIHR</u>

 1 SMU graduate student was offered a Frederick Banting and Charles Best CGSM Scholarship (\$17,500 over 1 year)



One University. One World. Yours.

External Student Funding 2021-22 <u>Research NS</u>

Research Nova Scotia- There is \$69,000 in **Scotia Scholarships** available to be offered to SMU graduate students in the upcoming weeks.

(FGSR Awards Committee has reviewed and made decisions – offers going out soon)



FACULTY OF GRADUATE STUDIES AND RESEARCH

External Student Funding 2021-22 <u>NSGS</u>

Nova Scotia Graduate Scholarships will be offered to SMU graduate students in the coming months in the Amount of \$335,000 (Pending receipt of funds).



Graduation Numbers by Calendar Year 2020 2019 (309 total)

January 2020

102 Graduate Students

May 2020

71 Graduate Students

September 2020

136 Graduate Students

(300 total)

January 2019

82 Graduate Students

May 2019

77 Graduate Students

September 2019

141 Graduate Students



FACULTY OF GRADUATE STUDIES AND RESEARCH

SMU-Approved Programs Approved & Awaiting MPHEC Approval

Just-Launched recently APPROVED Program / Changed Programs:

- PhD in Business Administration Accounting and Finance streams
 - First cohort just started this week!
- MBA (CPA stream) changed to full-time, shorter duration
 - First cohort just started this week!

APPROVED New Programs – coming soon!:

- Executive Doctorate of Business Admin (eDBA)
 - approved by SMU & MPHEC: will recruit for 2022!
- Post-Bacc. Certificate in Applied Economics (PBCAE)
 - approved by SMU & MPHEC: will be standalone Cert now
- Masters of Business Analytics (MBan)
 - Approved by SMU submitted to MPHEC



Other Grad Studies Issues

- These topics have haunted me/FGSR for 2+ years, and will get reviewed for sure in 2021 (sorry – am planning a retreat this summer to review policies/regs)
 - For example, in Thesis-required programs:
 - Assignment of thesis supervisors and supervisory committees
 - Thesis defence guidelines around remote participation
 - Importance and timing of progress reports for thesis students
- Thesis defences have proceeded well via zoom since Mar2020
- Special program of Grad Continuation Tuition waivers for thesis students delayed by COVID-19 impacts has been in place for Fall 2020, Winter 2021, Summer 2021 semesters.
- Will continue to work with Grad Program Coordinators and Managers/Staff to help programs.

Graduate Studies

QUESTIONS / DISCUSSIONS?

Research Updates and Discussion

Canada Research Chair (CRC) Program, and CRC EDI Action Plan:

- CRC Public Transparency page has information:
 - FGSR site -> Research -> CRC Program
 - Our current 8 CRCs listed in posted spreadsheet, with their terms
 - Dr. Attig completed his CRC on Dec 31
 - Next open CRC is planned to be following Dr. Friddell's 2nd term (Jun 2022) ... but we are just sorting out current periodic "reallocation" process ... Some uncertainty – will update in Fall.

- Updated (approved) CRC EDI Action Plan posted

 Overviews supports for CRCs, and new method for determining discipline/area of open Chair positions – with choice based on proposals from departments/programs/groups-of-faculty with attention to SRP and EDI priorities **Research Updates and Discussion**

Support for Indirect Costs of Research

(this section part of SMU commitment to communicate!)

- from TriAgencies (NSERC/SSHRC/CIHR):
 - Research Support Fund (RSF)
 - ~40% of our total eligible TriAgency direct research grants
 - ~\$1M put toward supporting research (e.g. RGO, REO, Research Accountants, and more)
 - Grant Recovery Funds (GRFs)
 - Provided via unused funds left over when faculty grants expire
 - These funds end up getting utilized for various research-support programs (e.g. FGSR international travel grant)
 - TriAgency policy requires spending at least 50% of balance every fiscal year ... Now, with SSHRC and NSERC allowing grant extensions, there will be no "refill" into GRFs for a couple years...
- from Research Contract "overhead"
 - Important source; looking at updating/simplifying current policy

Research Updates and Discussion Results and Trends in External Research Funding

- Review external research funding results / trends from a few different perspectives
- FIRST:
 - From our now-annual Research Recognition event held in October

Show views of Funding as of last October.

- THEN:
 - Look at Fiscal Year totals (April 1– March 31) running back over last 15+ years

2020 SMU RESEARCH RECOGNITION RECEPTION

By the Numbers: **95 FACULTY MEMBERS received funding \$8.17 Million** in Sept 2019 to Sept 2020 from these sources:

Facilitated By	# Grants/Contracts	Total Funding
CRC	9	1,000,000
RGO	76	2,924,677
OICE	114	4,245,408
Total	199	8,170,085

Plus Other Funding (giving around \$9.5 Million, all together)Infrastructure CFI/NSRIT \longrightarrow ~\$ 316,000RESEARCH SUPPORT FUND \sim \$1,037,000

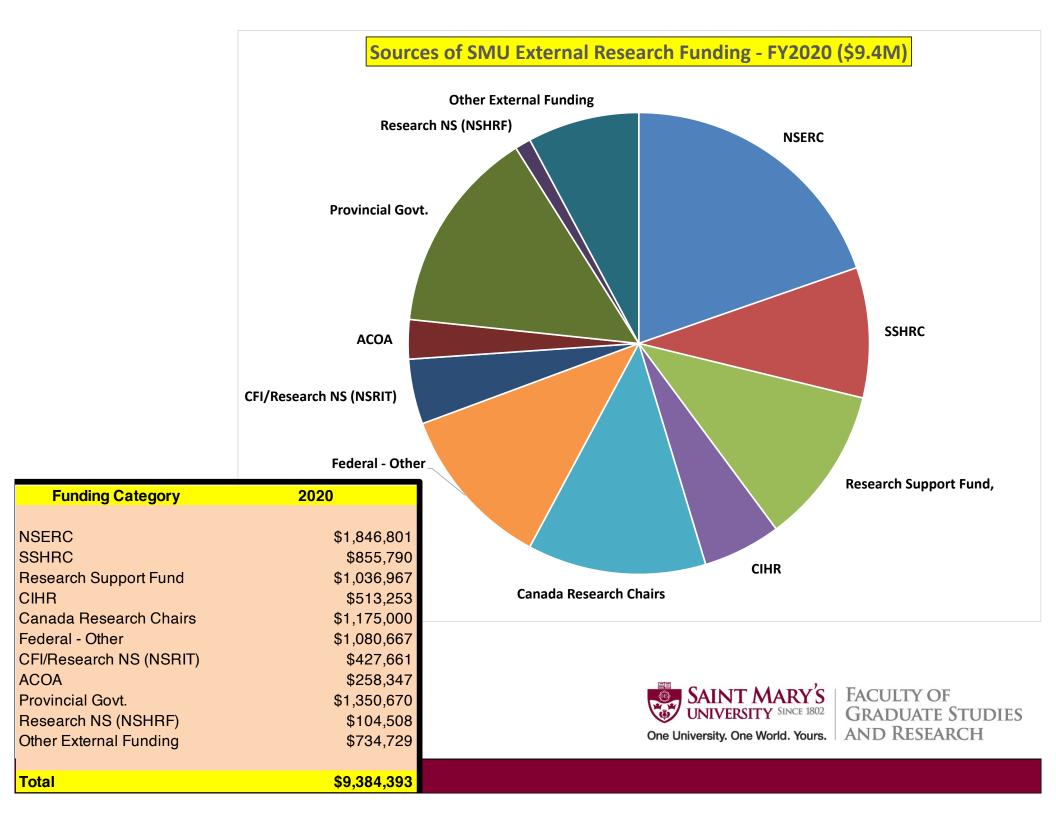


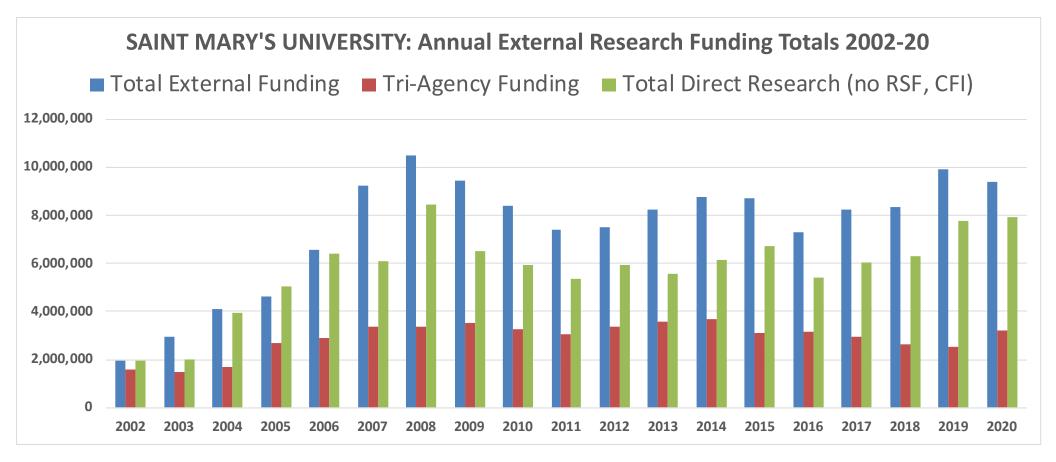
2020 SMU RESEARCH RECOGNITION RECEPTION

Facu	ulty	# Faculty Members			Total Funding				
		2017-18	2018-19	2019-20	1 yr % Change	2017-18	2018-19	2019-20	1 yr % Change
AR	TS	14	15	18	20.0	\$1,051,519	\$1,667,155	\$1,717,458	2.9
BUSH	NESS	16	22	24	9.1	\$865,652	\$876,612	\$803,065	-9.2
SCIE	NCE	43	42	53	26.2	\$3,374,734	\$4,770,966	\$5,649,563	15.6
Tot	tal	73	79	95	20.3	\$5,291,905	\$7,314,733	\$8,170,085	10.5

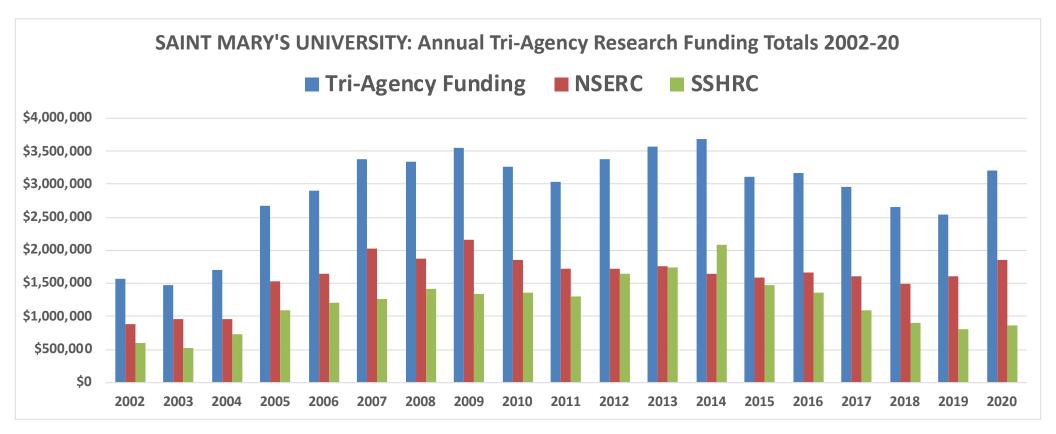
Facilitate	d By:	# Grants/Contracts			Total Funding				
	201	7-18 20	018-19	2019-20	1 yr % Change	2017-18	2018-19	2019-20	1 yr % Change
CRC		9	9	9		\$1,100,000	\$1,100,000	\$1,000,000	-10.0
RGC	5	8	61	76	24.6	\$1,796,266	\$2,105,092	\$2,924,677	28.0
OIC	9	6	137	114	-16.8	\$2,442,764	\$4,109,641	\$4,245,408	3.2
Tota	1	63	207	199	-3.9	\$5,339,030	\$7,314,733	\$8,170,085	10.5







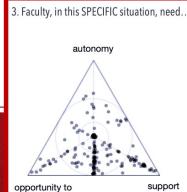






SMU Strategic Research Plan (SRP) Renewal: 2021-26 <draft>

- First SRP in 1999, last renewal in 2012 mandated requirement for Canada Research Chair (CRC) and Canadian Foundation for Innovation (CFI) federal granting programs
- **Fits within context of**: *internal plans* University Strategic Plan, Academic Plan, CRC EDI Action Plan, Faculty Strategic Plans; and *external priorities* – e.g. Research NS research strategy, UN SDGs
- Informed from variety of inputs from faculty/community (over last few years!): workshops/townhalls for Ac. Plan, SRP and setting Advancement priorities; as well as specific assistance of Cognitive Edge Pte LTD utilizing SenseMaker® ...
 with lots of informative data like this:



collaborate



Strategic Research Plan Renewal: 2021-26

Research Mission (maintained unchanged):

To engage in research that applies to, and is valued by communities from around the corner, to around the world, and that cultivates intellectual curiosity and creativity of our faculty and students.

SRP supports these 4 Research Objectives:

To promote institutional priorities, and domains of particular research strength, through the identification of Major Research Themes;

To support the research work of as many SMU faculty as possible across the broad disciplinary spectrum, with attention to barriers to success equity-deserving groups may face;

To ensure that undergraduate and graduate students benefit from research activities;

To encourage the building of collaborative networks of researchers that promote development both of new initiatives and ideas in support of the Major Research Themes, and of entirely new directions in whichever area they may arise.



Office of the Associate Vice President, Research

Strategic Research Plan Renewal: 2021-26

5 Major Research Themes:

- Climate Change and the Environment Monitoring, Impact Assessment, Solutions
- Connecting to Communities Engaging, Partnering, Supporting Atlantic Canada communities
- Innovative Science Exploring Fundamentals, Developing Applications
- Modern Global Citizenship Issues Migration, Development, Big Data
- Innovation in Business and Workplace Studies



Strategic Research Plan Renewal: 2021-26

Actions:

- Annual workshops associated with each of the 5 Major Research Themes
- Support community-engaged research: direct research office support staff time; plus active participation and support of the CLARI initiative
- Engage in development of university diversity and equity strategies: ensure opportunities/programs for research mentorship and network building; develop holistic, inclusive graduate admission policies.
- Align annual FGSR Internal Research grant program toward specific/targeted calls toward Major Research Theme areas
- Hire Research Grants Facilitator to enhance support for faculty
- Establish a Research Supervision Award to promote excellence in student research training
- Establish Research Advisory Council





New TriAgency policy statement coming soon

But there is news...

- Will require a Research Data Management Plan
- Have access now to Portage's RDMP Assistant tool
- Our RDM expert Peter Webster
- We will have info sessions / workshops in the future

Research Data Management

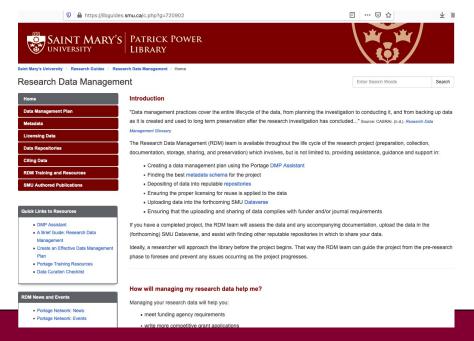
- New TriAgency policy statement RELEASED:
 - http://www.science.gc.ca/eic/site/063.nsf/eng/h_97610.html

	ivernement Canada	Search Canada.ca	Q
J ↓	nding > Policies and Guidelines > Research Data Manage	ment	
arch Data Management i-Agency Statement of	Tri-Agency Research Data	Management Policy	
rinciples on Digital Data lanagement	1. Preamble		
Open Letter			
ri-Agency Research Data lanagement Policy	The <u>Canadian Institutes of Health Research (CII</u> <u>Research Council of Canada (NSERC)</u> , and the <u>Su</u>	ocial Sciences and Humanities Resear	rch
ublic Consultation ummary	<u>Council of Canada (SSHRC)</u> (the agencies) are fe support research, research training, knowledge		
requently Asked Questions	The agencies expect the research they fund to b and disciplinary standards, domestically and int	5 1	
	research excellence by ensuring that research is of public funds, experiments and studies are re accessible as possible. Research data managem excellence.	plicable, and research results are as	
	The acception balieve that recearch data collecte	ad through the use of public funds sh	auld

Research Data Management

- New TriAgency policy statement RELEASED
- Will require a Research Data Management Plan
 - by 2023 ... BUT ... Thanks to Librarian Peter Webster and Anna Labrador (RDM Library Assistant) in the Patrick Power
 Library, info is already available for researchers, and they will be Guiding our Institutional RDM Plan ...

https://libguides.smu.ca/c.php?g=720902



Research Data Management

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- Have access now to Portage's RDMP Assistant tool
- We will have info sessions / workshops in the future

A reminder of the Patrick Power Library's Research Data & Digital Scholarship Services

- **Staff Support**: 4 Librarians, 3 Library staff ... all in this area
- Research Consultation
- Collections (databases, datasets,...)
- Academic Literacies esp. data and digital literacies
- Government Stats, Data and Analytical Resources
- Planning (digital scholarship, research data services)
- **Research Data Management** (repository, metadata, open data)
- Digital Humanities Scholarship
- Open Educational Resources (OER)

On a similar support thread:

- ACENET our connection to Compute Canada / NDRIO
- The new Wicked Problems Lab (workshops and collaboration)

Report of the Research Grants Officer



Research Committee 2021

- Five Internal New Faculty Research Grants awarded
- 30 Internal Established Faculty Research Grants awarded



President's Award for Excellence in Research

 2020 Recipient was Dr. Evangelia Tastsoglou of the Department of Sociology and the International Development Studies program.



President's Award for Excellence in Research

- Will email out the Call for nominations to be submitted to the nominee's faculty Dean
 - Research Committee will need Dean's nominations by Aug 20

https://www.smu.ca/fgsr/presidents-award.html

 Criteria are Productivity, Creativity, Influence and Impact, Recognition



Office of Innovation and Community Engagement Faculty Council, May 6th, 2021









Change Lab Action Research Initiative





CLARI Highlights

Total Project Year # of Projects Investment 8 \$ 2018 58,135 19 \$ 2019 137,169 **CLARI** 26 \$ 193,082 2020 15 \$ 110,320 2021 498,706 All **68** \$ 2 \$ 2018 14,586 9 2019 \$ 71,900 SMU 5 \$ 37,376 2020 Ś 2021 7,500.00 \$ All 17 123,862

\$200,000 just awarded from the Province for new CER projects (Jan 2021)





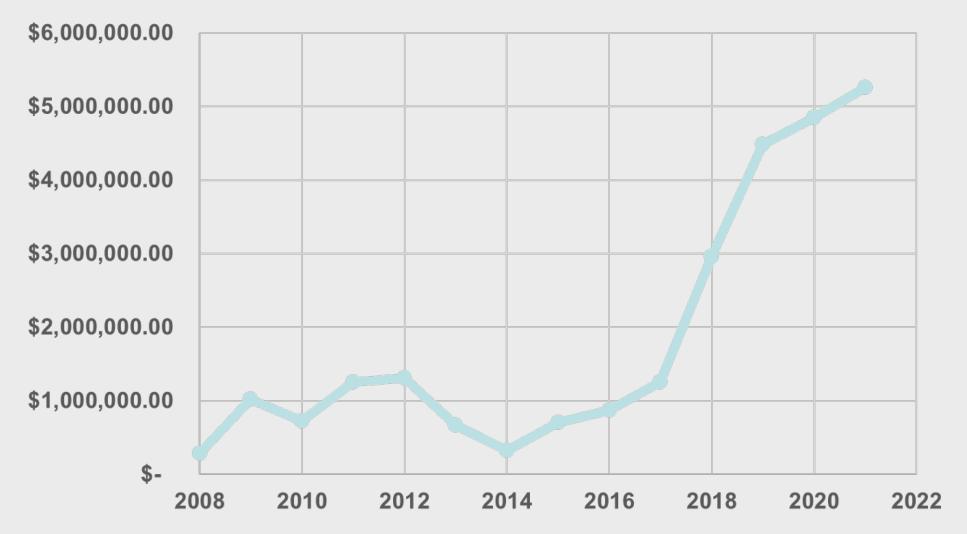
CLARI Project Funding

- Connect
 - Build, support and grow Action Research Network in NS, with community, post-secondary partners
 - With Prov Gov to identify faculty to work with NS Gov Behavioral Insights Team
 - With Office of Public Sector Innovation to identify and support gov depts who are looking for post secondary partners.
- 2021 Funding (\$200K)
 - Recent call led to 15 projects funded





SMU External Funding





2021 - \$5,258,509

OICE Recent Highlights

- Mitacs ~ \$1.9 million (various industry partners)
- Atlantic Mining Corporation
- National Research Council
- Women and Gender Equity
- NS Advisory Council
- Environment and Climate Change Canada
- Department of Energy and Mines





Office of Innovation and Community Engagement

Kevin Buchan, Director kevin.buchan@smu.ca

Danielle Goodfellow, Industry Liaison Officer danielle.goodfellow@smu.ca

Vanisa Omicevic, Coordinator OICE@smu.ca

Ray MacNeil, CLARI Network Manager Ray.macneil@smu.ca



Thank you



Research Ethics Board (REB)



Making requests during our virtual days

(The process is not different.)

Initial Research Ethics Review (ethics@smu.ca)

- Request for Exempt review
- New application
- New application that has received REB clearance from another Canadian REB

Continuing Research Ethics Review (ethics.continuingreview@smu.ca)

- Unanticipated Issues
- Requests for Changes to Cleared Research
- Annual Renewal request (if currently unsure, we advise to renew)
- Completion of Research request

Don't hesitate to reach out at ethics@smu.ca to discuss your plans, circumstances and draft work during the lifecycle of the research study. We can help!



Popular find!

SMU REB website:

"Currently Active Research at SMU"

Locate a listing of all currently active research with human participants at SMU. Maybe yours? Maybe a fellow colleague's?

Searchable by:

- SMU REB number
- Current research ethics clearance expiry date
- Title of research
- Principal Investigator
- Department
- "NSCAD"



Consider joining the REB Team

The committee continues to look forward to working with members from all departments it receives applications:

- Sobey School of Business
- Anthropology
- International Development Studies
- Religious Studies

Interested faculty should express interest at ethics@smu.ca



Undergraduate Summer Research Awards Harmonized Application process

- In an effort to make applying for an undergrad summer research award as easy as possible for students – removing the barrier of needing to a priori know/talk to a professor about it – for the 2nd year, we harmonized all Award programs into one application portal
 - Done with the invaluable help of Vanisa O (FGSR Research Office Assistant), and the help of Adam Daniels (Student Services) to establish the portal last year (and give needed updates for this year).
 AND

With the continued support of MANY faculty members who became part of the process by volunteering to be a research supervisor if students got an Award

- 31 Awards given out:
 - NSERC USRA (13)
 - Dean of Science (5)
 - First Year Awards (5)
 - SSHRC Explore (8)

Recent TriAgency Grant Results

- NOTE: A full report of all received External Research grant & contract funding from Sept 2020– Sept 2021 will be Highlighted at our 4th annual Research Recognition Event in October to review and recognize all grant winners ... This will be widely publicized for general attendance likely a combination of in-person and "zoom".
- Recent SSHRC Insight Grant results:
 - 9 applications submitted ...5 Successful!:
 - Kevin Kelloway (Psychology)
 - Nicolas Roulin (Psychology)
 - Najah Attig (Finance / Info Sci / Mgmt Sci)
 - Teresa Heffernan (English)
 - Sana Ben Hassine

(Sobey School postdoc; with Zhang, Attig, Drira)

Recent TriAgency Grant Results: NSERC Discovery ("operating") Grant

- Only 5 applications submitted this year, 2 Successful

 Discovery Grant:
 - Dawn Kellett (Adjunct, Geology)
 - Development Grant:
 - Rob Singer (Chemistry)

(reminder: last year we had 9 successful grants from 11 applications)

NOTE: Apologies for those people who received a Tri-Agency grant that I've missed ... We will FOR SURE have everybody's grant recognized in October!! (there are other successful researchers...these were just the recent!)

Return to Research Status

- Return to Research process launch almost exactly a year ago (May 25, 2020)
- All info and posting of status / updates provided at Virtual University "Return to Research" site: https://www.smu.ca/virtualuniversity/return-to-research.html
- Currently: in "scaled-back" stage due to "lockdown"
- AVPR works with VPAR, Deans, Risk Manager, and OHS/Wellness Officer to oversee the "Return to Research" process
 - Have helped ~250 people (faculty/students/staff) return to campus, or the field, since last May (11 months ago!)
 Faculty of GRADUATE STUDIES One University. One World. Yours.

SMU's "Return to Research" Phased Approach to working on campus (& in field) during COVID-19 www.smu.ca/virtualuniversity/return-to-research.html

Phase One (started May 2020):

- Research related to COVID-19 issues; field research
 Phase Two (started June 2020):
- Research using specialized facilities on SMU campus

During these periods (through 2020):

- Researchers cleaning their spaces/equipment frequently
- Wearing masks when potential for not distancing exists
- Keeping records of activity / checking in
- Minimizing on-campus work (work that could be done remotely, done remotely)
- Allowing exemptions to the suspension of all university travel - for approved research within Atlantic bubble



Faculty of Graduate Studies and Research

SMU's "Return to Research" Phased Approach to working on campus (& in field) during COVID-19 www.smu.ca/virtualuniversity/return-to-research.html

(professors allowed to work from their offices – started August 2020)

Phase Three (started October 2020):

 research involving face-to-face interactions with research participants, or research collaborators (or stakeholders)

(approved protocols for shared-office space return – grad students / postdocs / part-time faculty – started March 2021)

Phase Four (started April 2021):

 Research students / team-members working from sharedoffice spaces for research-specific reasons on campus (relaxing the guiding "do work that can be done remotely, remotely" principle)

...Travel...still unclear



FACULTY OF Graduate Studies and Research

Research

QUESTIONS / DISCUSSIONS?