

Research at Schulich

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Dr. Denise Figlewicz
Vice Dean, Research and Innovation

Emphasis on Research at Schulich

Schulich Medicine & Dentistry aims to become a national and global leader in health research. To achieve this goal, specific recommendations were provided in the new Strategic Plan, and in the White Paper from the Research Task Force, including:

- Implement organizational and cultural changes to instill a “culture of research” within Schulich.
- Increase the focus on research in CIHR pillars 2, 3 and 4,
- Provide support for team building, new research collaborations and new research opportunities
- Strengthen mentorship for faculty and trainees
- Establish a core of highly performing multi-disciplinary research centres or groups that will achieve international recognition

Research Office Team

- Dr. Denise Figlewicz – Vice-Dean
- Ms. Mady Hymowitz – Director
- Dr. Melanie Katsivo – Research Officer / Director Global Health
- Dr. Peter Kleinstiver – Research Officer/ OBI Project Manager
- Dr. Mary Ann Pollmann-Mudryj – Research Development Officer (Robarts)
- Dr. Greg Vilk – Research Officer/ Industry Liaison
- Dr. Kevin O’Neil – Research Officer
- Mariel Angus - Admin Asst (clinician-scientist training programs)
- Ms. Stacy Dinel – Research Office Asst

Research at Schulich

➤ **What are we doing to assist researchers?**

Schulich Internal Funding for Research Selected Programs 2012/13

Targeted Programs	\$ K
Gap support	138
Core facilities	387
Matching for new RW program - Western Strategic Support for CIHR Success	190
Doctoral Supervision Internal Grant (DSIG)	104
Schulich/Western Jointly-Funded Researcher Subsidy (cage costs)	210
SRTP/SROP	114
Schulich Academic Development Awards	48
Total	\$1.191 million

Activities 2012/2013 (Selected Highlights)

- Piloted CIHR internal review process to increase CIHR success
- Piloted Seed Funding program for collaborative research
- Outreach to departments/groups – to increase awareness of new grant facilitation capacity
- Regular meetings with LawsonHRI; Research Western; other Faculties (Health Science; Science) to coordinate and facilitate campus-wide and city wide projects and funding applications

Activities in progress 2013/14 (Selected Highlights)

- Schulich Windsor outreach – development of research capacity for medical students and prospective research mentors
- Global health research mentorship, capacity building and building of research teams
- Development of a South Western Ontario strategy for health services research in collaboration with Lawson and Faculty of Health Sciences
- Enhance Industry Collaboration
- Update Research website and improve research communication
- Identify and target appropriate grant opportunities for researchers
- Assist with team formation, strategy and grantsmanship
- Provide critical reviews

New Collaborative Research Seed Grants

Purpose: Provide seed funding for the formation and development of new interdisciplinary collaborative research teams to:

- promote new collaborations that build on different scientific and scholarly backgrounds;
- facilitate breakthroughs in solving research questions in a collaborative manner; and
- position Schulich researchers to successfully respond to targeted RFPs from Tri-Council or other external funding agencies.
- 38 applications received, 8 funded. (\$272,065).

Western: New Internal Funding Priorities

Three interrelated programs have been established that are explicitly aligned with the funding opportunities and mandates of CIHR, NSERC and SSHRC.

Seed Grants: provide one-year funding to eligible Early Career Researchers to develop competitive externally-funded research proposals. Early Career Researchers are applicants who are within three years of the start date of their first eligible academic position . Maximum allowable award: \$25,000 (up to 1 year) *

Bridge Grants: provide one-year funding to established eligible investigators who no longer hold Tri-Agency funding and who have participated in at least one tri-council competition in the previous year. Maximum allowable award is \$25,000 (up to 1 year) *

Accelerator Grants: provide one-year “accelerator” funding to establish senior and mid-career researchers currently holding Tri-Agency funding. The goal of this funding will be to help investigators “make the leap” to higher grant values. Maximum allowable award for Accelerator funding: \$50,000 (up to one year)

** Faculty will be required to match award 1:1.*

Research at Schulich

➤ What is coming?

❖ Schulich Research Clusters

- **Build on strengths** (Note: Schulich research office is currently working w/ Western Libraries to assemble information which will support this.)
 - Credibility in the scientific community
 - Fairness
 - Reputation/ PR *critical for garnering funding partners*
- **Look for opportunities to build bridges between scientists** (Note: CRSG program created as one approach to facilitate this.)
 - Different methodological expertise
 - Different disciplines
 - Across faculties
- **Achieve alignment with Lawson and with Western**

Research at Schulich

➤ What is coming?

❖ Changing landscape- CIHR OOG programs

- **All health researchers need to be aware of the options open to them in terms of CIHR funding over the next few years**
- **Failure to take into account all possible options and plan funding requests accordingly could result in large funding gaps**
- **For more information and assistance on the CIHR programs please contact Mady Hymowitz at the Research Office or Joe Halbersma at Research Western.**

Sample of Recent Team Grant Applications

- CFI/ORF LEF/NIF: 6 submitted (3 **funded** at total of \$11,995,742)
- CIHR Community-Based Primary Health Care Team Grants: (2 **projects funded** at \$2.5 Million each) *Involves 2 national networks*
- MOHLTC Health Systems Research Fund: 5 LOIs submitted (**One project funded at \$3.5M**) *Involves a national network*
- Grand Challenges Canada's Request for Proposals: Stars in Global Health: Round 4 Phase I (**approved** at \$100,000) *Involves 4 African partners. 2 resubmissions for Round 7*
- Ontario Brain Institute: (**funded** – \$28.5M over 5 years) *Involves 12 clinical sites across Ontario*
- W. Garfield Weston Foundation: 3 LOIs submitted; 2 invited to submit full proposals
 - 1 **funded** at \$1.25M (3yr grant)
 - 1 received \$15,000 to support a clinical trial committee to help determine clinical trial design. The foundation would like to see this grant resubmitted in the next round.

Sample of Team Grant Applications pending funding decision and in progress

- CIHR Team Grant - Health Challenges in Chronic Inflammation
- MOHLTC/Health System Research Fund – 5 applications submitted
- CIHR Canadian Consortium on Neurodegeneration in Aging
- Genome Canada GAPP Competition – Deadline: January 2014

New Faculty Seminar Series 2013 - 2014

Date	Time	Location	Name	Department	Seminar Title
October 4, 2013	12-1 p.m.	Auditorium A, LHSC - UH	Dr. Steven M. Kerfoot	Microbiology & Immunology	Interactions between myelin-specific T and B cells in central nervous system autoimmunity
November 1, 2013	12-1 p.m.	Auditorium A, LHSC - UH	Dr. Patrick Lajoie	Anatomy & Cell Biology	Resolving misfolded protein stress in living cells
December 6, 2013	12-1 p.m.	Auditorium A, LHSC – UH	Dr. Patrick O'Donoghue	Biochemistry	Recoding the entire genetic code with selenocysteine"
January 10, 2014	12-1 p.m.	Auditorium B, LHSC – UH	Dr. Martin Duennwald	Pathology	Protein misfolding and compromised protein quality control in neurodegenerative diseases
February 7, 2014	12-1 p.m.	Dental Sciences Building, Room 2016	Dr. Jimmy Dikeakos	Microbiology & Immunology	Nef: an HIV-1 protein at the forefront of pathogenesis.
March 7, 2014	12-1 p.m.	Auditorium B, LHSC – UH	Dr. Ava John- Baptiste	Anaesthesia	

How can we assist you?

The Schulich Research Office can assist you :

- Identify research funding opportunities, including seed funding
- Assist with conceptualizing and strategizing
- Liaise with funding agency program officers
- Help with internal coordination
- Help with obtaining signatures
- Help with letters of support
- Facilitate the development of team/group applications
- Enhance Industry Collaboration through facilitation
- Develop research capacity-building activities
- Develop research training opportunities
- Assist with academic development

Thank you !

Please contact us by email or drop by the Research Office for additional information about these topics or other activities not discussed today.

We want to meet with each of you to learn about your research program, where you would like to go with it, and what limitations/funding challenges you might like help with.

We also want to thank you for suggestions, input, and responses to our surveys and requests. This helps us do our best for your success!

Contacts

Schulich Research Office

<http://www.schulich.uwo.ca/research/>

Don Rix Clinical Skills Building, 2nd floor

Extension: 86206

Dr. Denise Figlewicz

Vice Dean, Research and Innovation

Denise.figlewicz@schulich.uwo.ca

Ms. Mady Hymowitz

Director, Research

Mady.hymowitz@schulich.uwo.ca

Questions?