# DALHOUSIE UNIVERSITY FACULTY OF HEALTH PROFESSIONS STRATEGIC PLAN FOR RESEARCH 2013 – 2017

May 21, 2013

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## **Situation Analysis**

#### **External Factors**

- 1. Changes in health care practice
- 2. Changing federal and provincial priorities
- Decreased research funding from government
- 4. Shifting priorities of funding councils
- 5. Trend to inter- and multidisciplinary research teams
- 6. The degree of Dalhousie's commitment to health
- 7. Competition from other universities

#### **Strengths**

- A decade of sustained research productivity growth
- 2. Number of researchers with strong programs
- 3. Recognition that research productivity is important
- 4. Some supportive structures and processes
- 5. A solid base to build on
- 6. Health is "hot" FHP is well positioned
- 7. Key players are accessible
- 8. Some strong relationships with policy makers and health agencies
- 9. Geographic location and regional uniqueness
- 10. Good populations to study

#### **Constraints**

- Difficult to be competitive without sufficient access to PhD students
- 2. "Young" Research culture
- 3. Inadequate research Infrastructure
- 4. Lack of focus on scholarship
- 5. Lack of visibility and credibility
- 6. Size and diversity
- 7. Not sufficiently connected in Dal, with Government and externally
- 8. Lack of support for new researchers
- 9. Emerging workforce issues
- 10. Insufficient supply of skilled research support personnel
- 11. Recruitment of clinical populations

#### Challenges

- 1. Aligning with (shifting) funding council priorities
- 2. Establishing a PhD program in Health in addition to the Nursing PhD
- 3. Strengthening the research culture
- 4. Improving relationships and raising visibility
- 5. Improving research infrastructure
- 6. Increasing research capacity

### Mission, Vision and Strategic Directions

#### **FHP Mission**

Inspiring learning, research, scholarship, teaching and professional activities that contribute to knowledge and to the preparation of skilled and caring professionals and leaders of tomorrow.



Consistent with the overall FHP Vision of balance of teaching, research and scholarship, the FHP Vision for Research is ...

## FHP Research Vision to 2017 "Strengthening our Research Culture"

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Increasing research outcomes that are relevant and have demonstrable potential to affect health and well-being.

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This vision involves:

- attracting, hiring, developing and retaining strong researchers
- greatly improved physical, human and financial research infrastructure
- vibrant and growing PhD programs
- continually creating collaborations and partnerships within and beyond FHP
- being nimble and innovative in responding to research opportunities
- employing metrics relevant to all types of research outcomes to determine our research productivity\*

#### **Strategic Directions**

- 1. Attract, hire and retain strong researchers
- 2. Enhance graduate research training
- 3. Develop flexible and nimble research infrastructure and support systems
- 4. Systematically advance collaborations and partnerships

<sup>\*</sup> FHP research productivity indicators (e.g. peer reviewed publications, books, invited presentations, national awards, grad student awards and research recognition as well as research funding) increase year by year.

## **Strategic Research Action Plan**

#### **Direction 1**

Attract, hire and retain strong researchers

#### **Direction 2**

Enhance graduate research training

#### **Direction 3**

Develop flexible & nimble research infrastructure and support systems

#### Direction 4

Systematically advance collaborations and partnerships

#### **Expected Result**

- More qualified applicants per faculty position; more applicants with post doc experience
- Every faculty member with allocated research time is named on at least one funded project and has two peer-reviewed publications per year

#### **Expected Result**

- An active PhD
   Program in health and well being
- 2) An active Nursing PhD program
- Increased Masters thesis students and post doctoral fellows

#### **Expected Result**

- Improved results in research grant competitions
- Improved results in research contract submissions
- Mechanisms to provide timely information research calls and opportunities

#### **Expected Result**

- FHP is valued within and outside Dalhousie for its health research accomplishments and expertise
- More research collaborations are created
- The networks of FHP researchers are being extended

#### **Major Initiatives**

- 1. Create a positive support environment
- Introduce formal Peer Review of grant proposals
- 3. Revitalize mentor program
- 4. Build orientation program
- 5. Recruit highly qualified faculty in strategic areas
- Clarify and shift expectations towards increased research productivity (aiming beyond minimal standards)

#### **Major Initiatives**

- Complete and submit PhD proposal(s)
- Facilitate program implementation
- Increase exposure of PDF opportunities at Dalhousie
- Encourage Units to increase their number of full-time Master's Thesis students
- Support research career development of graduate students

#### **Major Initiatives**

- Support the building of human and physical research infrastructure at the unit level
- 2. Invest in professional development of research personnel
- 3. Raise our research profile
- Measure and demonstrate our research outcomes and impact
- 5. Pursue fund-raising opportunities
- 6. Pursue improved research space allocations

#### **Major Initiatives**

- Pursue key research partnerships and collaborations
- 2. Stimulate research connections
- 3. Expand research networking opportunities

Faculty of Health Professions: Strategic Research Action Plan						
Strat	tegic Direction 1:	Attract, hire	and retain strong researchers			
Expected Results:		More qualified applicants per faculty position; more applicants with post doc experience     Every faculty member with allocated research time is named on at least one funded project and has two peer-reviewed publications per year				
No.	No. Initiative		Key Results			
1	Create a positive support environment		<ul> <li>Effective advocacy for research productivity and its implications for faculty workloads, development and support</li> <li>Success is celebrated</li> </ul>			
			<ul> <li>Internal and external research awards are promoted</li> <li>FHP researchers report feeling valued and supported on confidential surveys (conducted every two years)</li> <li>Profile of Research raised within the Faculty</li> </ul>			
2	Introduce formal Peer Review of grant proposals		<ul> <li>Grant proposals are peer reviewed before submission to external funding agencies</li> <li>Increased success rates (equal to or greater than national averages)</li> <li>Increased number of funded grants</li> </ul>			
3	Revitalize mentor program		A formalized mentor program			
			<ul> <li>All probationary tenure track and limited term faculty with an identified research workload will have a mentor</li> </ul>			
4	Build orientation program (research)		<ul> <li>A formalized orientation program (coordinated with Units)</li> <li>All new faculty introduced to IHRTP</li> </ul>			
5	Recruit highly qualified faculty in strategic areas		FHP research pillars established and aligned with University     Strategic Research Plan			
			<ul> <li>More and larger funding awards in the new CIHR Research "programs" competition</li> <li>Recruitment and selection processes reflect anticipation of research productivity (i.e. hiring strong researchers at the outset)</li> <li>Increased number of CRCs, named new investigatorships and other chairs</li> </ul>			
6	Clarify and shift expectations toward increased research productivity (aiming beyond minimal standards)		<ul> <li>Clear expectations for faculty members at all levels regarding expected research productivity.</li> <li>Recruitment and selection processes reflect anticipation of research productivity (i.e. hiring strong researchers at the outset)</li> <li>Increased promotion success to Associate and Professor levels</li> <li>Decreased number of tenure deferrals</li> <li>A plan for retaining innovative researchers transitioning to retirement</li> </ul>			

Faculty of Health Professions: Strategic Research Action Plan						
Strategic Direction 2: Enhance gr		Enhance gra	aduate research training			
Expected Results:		An active PhD Program in health and well-being     An active Nursing PhD program     Increased Masters thesis students and post doctoral fellows				
No.	Initiative		Key Results			
1	Complete and submit PhD proposal(s)		<ul> <li>Approved proposal(s)</li> <li>Financial, academic and administration commitments are covered</li> <li>The Faculty is "ready" to proceed with implementation</li> </ul>			
2	Facilitate Program Implementation		<ul> <li>First students are admitted</li> <li>Support to units on needed curriculum and program changes</li> <li>Core graduate research courses developed</li> <li>Increased number of faculty supervising PhD students</li> <li>Increased international student enrolment with appropriate support</li> </ul>			
3	Increase exposure of PDF Opportunities at Dalhousie		Doubled number of PDFs			
4	Encourage Units to increase their full-time Master's Thesis student enrollments		<ul> <li>Greater enrolment in these programs</li> <li>Increased faculty and student research outcomes</li> </ul>			
5	Support research career development of graduate students		<ul> <li>Increased number and quality of student presentations at graduate student research days</li> <li>Increased number of student presentations at conferences</li> </ul>			

Faculty of Health Professions: Strategic Research Action Plan					
Stra	tegic Direction 3:	Develop flex	rible and nimble research infrastructure and support systems		
1) Improved re Expected Results: 2) Improved re		Improved re	sults in research grant competitions sults in research contract submissions s to provide timely information research calls and opportunities		
No.	Initiative	9	Key Results		
1	Support the buildin and physical resea infrastructure at the	rch e unit level	<ul> <li>Mechanism for pilot grants and bridge financing</li> <li>More and better multidisciplinary research teams</li> <li>A formalized identification and response mechanism</li> <li>HR support for preparation of grant applications</li> <li>Support Unit research planning</li> </ul>		
2	Invest in professional development of research personnel		<ul> <li>Enhanced HQP research capability</li> <li>A mechanism for maximizing opportunities for our research management and support staff (RAs, project coordinators, etc.)</li> </ul>		
3	Raise our research	Profile	<ul> <li>The websites for research are enhanced</li> <li>Results and impacts are widely disseminated within the Faculty, University and externally (i.e. KT)</li> </ul>		
			<ul> <li>A media and social media strategy for sharing research is developed with key stakeholders (governments, NGOs, professional associations, health charities, philanthropists, etc)</li> <li>Success is acknowledged and celebrated with stakeholders</li> </ul>		
			(Government, NGOs, professional associations, health charities, philanthropists, etc.)		
4	Measure and demo research outcomes impact		A full suite of Research Productivity Indicators (e.g. peer reviewed publications, books, invited presentations, colleague mentoring, research team development, national awards, grad student awards and research recognition along with research funding)		
			Research program evaluations demonstrate impact on health and well-being of individuals and society		
			Evidence of research uptake and impact reported annually		
5	Pursue fund-raising opportunities	9	More funding available for health research		
	'''		More visibility of FHP research productivity		
6	Pursue improved research space allocations		<ul><li>Improved space allocations</li><li>A Faculty-wide position on space needs</li></ul>		
			Continual advocacy for these needs		

Faculty of Health Professions: Strategic Research Action Plan						
Strategic Direction 4:		Systematically advance collaborations and partnerships				
Expected Results:		FHP is valued within and outside Dalhousie for its health research accomplishments and expertise     More research collaborations are created     The networks of FHP researchers are being extended				
No. Initiative		Key Results				
1	Pursue key reseat partnerships and collaborations	Faculties, CDHA, IWK ar Maritime Provinces  Participation/contribution activities and seminars w departments and commu  Key stakeholders "know"  Relationships developed	malized collaboration with Dalhousie and other organizations throughout the s and partnerships for research with other Faculties, NGOs, government anity agencies the FHP's key research strengths with counterpart Faculties at other d leading international research centres			
2	Stimulate researd connections	grant initiatives  FHP faculty are actively to Faculties, in health centre				
3	Expand research opportunities	<ul> <li>More FHP faculty sit on h international governance of research funding agen</li> <li>Visibility of FHP research</li> </ul>	n is increased by representation and cal, national and international health-			