



MSFHR Health of Population Networks Report

BC Environmental and Occupational Health Research Network (BCEOHRN)

Section 1: Covering the period from January 1, 2009 to present

1. Provide the following information on current membership for the Network. If membership data are not collected by these categories, please provide information as completely and accurately as possible. **Note that this is a snapshot of BCEOHRN membership as at March 1, 2010.**

	# Members by Type						
	Academic	Health Authority	Community Organizations	Gov't	Private Sector	Other	Unknown
Researchers	201	65	10	29	20	0	3
Trainees/ Students	301	14	4	3	4	0	7
Service Providers	7	37	10	10	5	2	0
Policy or Decision Makers	61	48	31	24	8	3	0
Research Users	43	25	8	20	3	1	1
Industry	0	0	0	0	0	0	5
Other	20	34	18	17	4	12	0
Unknown	43	14	7	6	12	1	15
Total	676	237	88	109	56	19	31

2. Where are your members located?

Note that this is a snapshot of BCEOHRN membership as at March 1, 2010.

	# Members by Location
Interior	126
Lower Mainland	702
Northern	131
Vancouver Island	191
Outside BC	49
International	1
Unknown	16



1. List any new or ongoing partnerships with external organizations, groups or networks. List each partner only once, and briefly describe the overall purpose(s) of the partnership. Outcomes of partnering will be addressed in question 8. Add additional rows as needed.

Partner (Institution, group or network)	Location of partner: (1) within BC (2) within Canada (3) international	Briefly describe the overall purpose(s) of the partnership (max. 30 words per partner)
AIHA BC Yukon	2	Support and promote annual conference
Air and Waste Management Association	1	Collaborate on conference planning, cross-promote conference
Air Pollution Exposure Lab	1	Promote open house
BC Ministry of Environment	1	Collaborate on conference planning, cross-promote conference
BC Ministry of Healthy Living and Sport	1	Collaborate on conference planning, cross-promote conference
BC Ministry of Mines	1	Collaborate on conference planning, cross-promote conference
BC Psychological Association	1	Support and promote annual event
BCIT	1	Promote green roof technology open houses
BCRRHRN	1	Collaborating on grant-writing workshop; collaboration on climate change conference; promote BCRRHRN conference; support and collaborate on Prince George workshop; promote UVic lecture
Canadian Association for Research on Work and Health (CARWH)	2	Support of CARWH's Scientific committee and Board through WebEx; support of CARWH's work to explore virtual networking options.
Canadian Environmental Health Atlas	2	Call for Contributions
Canadian Veterinary Medical Association	2	Promotion of new research resource
Canadian Water Network	2	Provided newsletter article
Centre for Health and Environment Research (CHER)	1	Sharing of opportunities, news, ideas, resources; sharing news of CHER's ceasing of operations
CIHR KT	2	Promotion of KT modules
CIHR-CMAJ	2	Promote Top Achievements in Health Research
CYHRNet	1	Support and collaborate on Prince George workshop
Environmental Health Perspectives	3	Promote call for papers
Fraser Health	1	Collaborating on grant-writing workshop; sharing grant-writing resources for future use
Health Authorities - Research Capacity Building units	1	Cross-promotion of activities, sharing best practices
Health Canada	2	Promote Extreme Heat and Health Project; support and collaborate on Prince George workshop
HoPN - MSFHR	1	Sharing of opportunities, news, ideas, resources, expertise
Indigenous Food Systems Network	2	Promote new website
Interior Health	1	Cross-promotion and support of IH annual research conference, workplace health conference
MSFHR	1	Promotion of feedback request for strategic framework; sharing news of government funding cutbacks; fundraising letters of support campaign to government from membership; promote MSFHR News
National Collaborating Centre – Environmental Health (NCEH)	2	Sharing website content



National Collaborating Centre – Public Health (NCCPH)	2	Cross-promotion of events
NEXUS	2	Cross-promotion and WebEx training & support of NEXUS seminar; sharing news of NEXUS' ceasing of operations
Northern Health	1	Cross-promotion, support of and presentation at NH annual research conference
Northwest Center for Occupational Health and Safety	3	Promotion of student paper contest
Occupational Health & Safety Agency for Healthcare in BC	1	Cross-promotion of activities
Pacific Institute for Climate Solutions	3	Promote lecture series
PopDataBC	1	Cross-promotion, support of conference; promote survey; promote new online workshop
Providence Health Care Research Institute	1	Collaboration on grant writing workshop
Thompson Rivers University	1	Collaboration on grant writing workshop
UBC	1	Promote UBC Research Week; support, promote and collaborate on developing new pan-provincial health sciences grant facilitators' website
VANOC	3	Participation of VANOC in planning Olympics workshop
VIHA	1	Collaborating on grant-writing workshop; sharing grant-writing resources for future use
WorkSafeBC	1	Cross-promotion of events / grants; collaboration on grant-writing workshop; reviews and revision of RFP and grant application guidelines and forms
Young Environmental Professionals (YEP) Canada, The Delphi Group, and the Canadian Commission for UNESCO	3	Promote student opportunity

4. If known, provide the number of research teams formed by Network members due to involvement in the Network, and the dollars leveraged through mini-grants from the Network.

# teams formed	Amount leveraged (\$)
6 (details: http://www.bceohrn.ca/RCDGAwards)	Too early to know; applications to national and other funding bodies will have been submitted in the last few months.

5. Provide information on the mini-granting activities conducted.

Grant type	Value or range	# grants awarded
Research Capacity Development Grants	~\$10K each	6
Conference Travel Bursary Grants	\$1K - \$1.5K each	45

6. List the sources of cash and in-kind contributions received from January 1, 2009 to March 31, 2010, excluding MSFHR funds. Include host institution and support received from all other sources.

In-kind source	Amount (\$)	Type of in-kind
Air and Waste Management Association	\$1,000	Volunteer hours planning Policy Makers conference
Axis	\$1,000	Volunteer hours planning Policy Makers conference
BC Cancer Agency	\$800	Volunteer hours on part of BCEOHRN Board member (staff member)



BC Cancer Agency	\$1,000	Volunteer hours planning Olympics conference
BC Cancer Agency Prevention Programs	\$1,000	Volunteer hours planning Olympics conference
BC Centre for Disease Control	\$1,000	Volunteer hours planning Policy Makers conference
BC Ministry of Environment	\$1,000	Volunteer hours planning Policy Makers conference
BC Ministry of Healthy Living and Sport	\$1,000	Volunteer hours planning Policy Makers conference
BC Ministry of Mines, Energy & Petroleum	\$2,000	Volunteer hours in Policy Makers Roundtable
BC Network for Aging Research	\$2,000	Volunteer hours planning Olympics conference
BCIT	\$500	Volunteer hours on part of BCEOHRN Review Panel member
BCIT	\$1,000	Volunteer hours planning Olympics conference
CAREX Canada	\$1,000	Volunteer hours planning Policy Makers conference
Centre for Coastal Health	\$1,900	Volunteer hours on part of BCEOHRN Board Chair
Centre for Coastal Health	\$750	Volunteer hours on part of BCEOHRN Review Panel Chair
Children's and Women's Health Centre	\$1,000	Volunteer hours planning Olympics conference
Disabilities Health Research	\$2,000	Volunteer hours planning Olympics conference
Environmental Health Services, BCCDC	\$1,000	Volunteer hours planning Olympics conference
Health Canada	\$1,000	Volunteer hours planning Olympics conference
Interior Health	\$1,000	Volunteer hours planning Olympics conference
Justice Institute of BC	\$1,000	Volunteer hours planning Olympics conference
McCreary Centre Society	\$3,000	Volunteer hours planning Olympics conference
Musqueam Nation	\$1,000	Volunteer hours planning Olympics conference
National Collaborating Centre	\$1,000	Volunteer hours planning Olympics conference
Network Environments for Aboriginal Research BC	\$1,000	Volunteer hours planning Olympics conference
Northern Health	\$1,600	Volunteer hours on part of BCEOHRN Board member (staff member)
Northern Health	\$1,000	Volunteer hours planning Olympics conference
PHSA	\$2,000	Volunteer hours planning Olympics conference
ProMOTION Plus	\$1,000	Volunteer hours planning Olympics conference
Selkirk College	\$1,000	Volunteer hours planning Olympics conference
SFU	\$500	Use of listservs/labour to broadcast messages
SFU	\$3,200	Volunteer hours on part of BCEOHRN Board members (x2 faculty members)
SFU	\$1,400	Volunteer hours on part of BCEOHRN 2010 Initiatives Working Group Chair
SFU	\$1,000	Meeting room & Audiovisual use for Student and New Professionals Special Interest Group activities (x2)
SFU	\$3,000	Volunteer hours planning Olympics conference
TRU	\$500	Volunteer hours on part of BCEOHRN Review Panel member
TRU	\$1,000	Volunteer hours planning Olympics conference
UBC	\$10,000	Office space, phone, copier, furniture for research capacity development officer
UBC	\$5,000	Administrative staff support for Associate Scientific Director
UBC	\$500	Use of listservs/labour to broadcast messages



UBC	\$1,000	Meeting room & Audiovisual use for Student and New Professionals Special Interest Group activities
UBC	\$3,200	Volunteer hours on part of BCEOHRN Board members (x2 faculty members)
UBC	\$2,000	Meeting room & Audiovisual use for Student and New Professionals Special Interest Group activities (x2)
UBC	\$1,000	Meeting room & Audiovisual use for Student and New Professionals Special Interest Group activities (x2)
UBC	\$500	Volunteer presentation by researcher to Policy Makers Roundtable
UBC	\$6,000	Volunteer hours planning Olympics conference
UNBC	\$10,000	Office space, phone, copier, furniture for regional support staffer
UNBC	\$5,000	Administrative staff support for Scientific Director
UNBC	\$500	IT support for UNBC owned computer equipment
UNBC	\$500	Use of listservs/labour to broadcast messages
UNBC	\$2,000	Volunteer hours on part of BCEOHRN Financial Officer
UNBC	\$3,200	Volunteer hours on part of Board members (x2 faculty members)
UNBC	\$500	Volunteer presentation by researcher to Students and New Professionals SIG
UNBC	\$1,000	Volunteer hours planning Policy Makers conference
UVic	\$1,600	Volunteer hours on part of Board member
WorkSafeBC	\$1,000	Volunteer hours planning Policy Makers conference
Total in-kind contributions	\$101,650	

Section 2: Covering the full award period from January 1, 2005 to date

7. Provide information on major resources developed by the Network.

Type of resource	# or frequency, if applicable*	If known, provide user data
BCEOHRN resources are provided all on one webpage with links to resources on specific pages. Visit: http://www.bceohrn.ca/Resource+Centre		
Paper-based resources (also available as .pdfs online)**		
BCEOHRN Scientific Exchange and Annual General Meeting: Poster Presentations' Abstract Booklets	5	750 copies
BCEOHRN Newsletters	4	1,200 copies
BCEOHRN Conference Report Newsletters	3	900 copies
Online resources (2007-2010 website hits in total ~5.6 million)		# of webpage hits
▶ BCEOHRN Grant-writing workshops & Grant-writing Toolkit		52,372
▶ Mentorship Program - Special Interest Groups		10,865
a) Student and New Professionals Special Interest Group		



- Documentation Project Management for Grant Applications		
- Grant writing		
- How to get Published		
- Occupational Health of Sex Trade Workers		
b) Water Special Interest Group: Kamloops Arsenic Meetings		
c) Geographic Information Systems Special Interest Group:		
- Smoothing rates and disease mapping		
- GIS wiki		
- GIS SIG Meeting Notes		
- GIS SIG Resources & Links		
d) Workplace Bullying Special Interest Group:		
- Literature review		
▶ Mentorship Program		27,581
- BC University Mentoring Programs		
- Choosing Mentors and Advisors		
- How to Write a CV		
- Resources for Developing Mentoring Programs		
- School Resources		
▶ Web-based seminars		26,925
▶ 2010 Conference: Environmental and Occupational Health: From Science to Policy and Practice		7,381
▶ 2009 Workshop in partnership with BCRRHRN: Climate Change and Health		5,627
▶ 2009 Workshop: Developing Research Opportunities Around the 2010 Games: Focus on Public Health and Environmental Sustainability		6,104
▶ 2008 Conference: Advancing research through innovative linkage of health and exposure data		5,925
▶ 2007 Conference: Effective Knowledge Translation and Exchange		3,572
▶ Policy Makers Roundtable presentation		7,306
▶ 5th Scientific Exchange and Annual General Meeting		7,305
▶ 4th Scientific Exchange and Annual General Meeting		6,921
▶ 3rd Scientific Exchange and Annual General Meeting		6,285
▶ 2nd Scientific Exchange and Annual General Meeting		1,353
▶ 1st Scientific Exchange and Annual General Meeting presentation		1,269
▶ Co-sponsored Event with NEXUS: Diversity in the Nursing Workforce		not known
▶ BCEOHRN databases: members and grey lit		2,640,357
▶ BCEOHRN Research Capacity Development Award recipients & projects		13,576
▶ BCEOHRN Progress reports, external review and survey results		1,825
▶ BCEOHRN brochures, presentations and newsletters		908
▶ BCEOHRN Advocacy Policy		694
▶ BCEOHRN Strategic Plan, Business Plan, Communications Plan and Backgrounder		1,795
▶ BCEOHRN Funding page with links to external funding opportunities		378,476
▶ BCEOHRN Training page with links to external training opportunities		358,939
▶ UBC Grant Facilitation website & recording of overview session		not known
▶ Links to environmental and occupational health research resources		113,675
▶ Wiki of grey literature		15,423



▶ Knowledge Translation and Exchange resources		12,231
▶ Hot Topics In the News		47,671
▶ Resource Centre		12,477

* Counts provided where available through website analytics

** As an environmentally responsible group, BCEOHRN limits its use of paper-based resources.

8. Summarize the Network’s major objectives, major activities, and outcomes achieved for each objective. When available, provide data to support your statements. Please limit your response to 5 pages total and add additional rows as needed.

List the Network’s major objectives	Provide examples of the major activities carried out using the MSFHR funds to achieve the objective	Describe the outcomes achieved
<p>Goal 1. Improved collaborative research*</p> <p>Objective: To facilitate collaborative research directed towards key occupational and environmental health risks confronting British Columbians so as to help in understanding, managing and preventing those risks.</p>	<ul style="list-style-type: none"> • Research Capacity Development Awards • Network Facilitation Fund Awards • Members’ & grey lit database • Mentorship program • Networking opportunities at Annual Scientific Exchange • Networking opportunities at Annual Spring Workshop • Research Capacity Development Program/grant-writing assistance 	<p>Resources outlined in the column to the left supported BCEOHRN members, including students/trainees, to better collaborate.</p> <p>32 new teams were formed through BCEOHRN where granting guidelines stipulated teams cross institutions, disciplines and included new researchers/trainees as well as policy-makers where appropriate.</p> <p>In a satisfaction survey, members report a high degree of satisfaction with these initiatives and report a sense of being well supported by BCEOHRN.</p>
<p>Goal 2. Improved capacity awareness</p> <p>Objective: To enable BC researchers to address environmental and occupational health research needs by better knowledge of the capacity, expertise and opportunities existing in the province.</p>	<ul style="list-style-type: none"> • Members’ & grey lit database • Website • Networking opportunities at Annual Scientific Exchange • Networking opportunities at Annual Spring Workshop/Conference • Mentorship program 	<p>The BCEOHRN members’ database contains over 1,000 researchers, students and research users directly connected to EOHR primarily in BC. In total over 1,000 participants have attended BCEOHRN events where ample networking opportunities have been programmed to facilitate a greater understanding of research capacity in the province. Events have overall been extremely highly rated by participants. The website has been widely used to disseminate information, with a total of 5.6m hits since Jan. ’07.</p>
<p>Goal 3. Improved research funding</p>	<ul style="list-style-type: none"> • Research Capacity Development Awards 	<p>Of those who have been able to report back on their funding success preceded by BCEOHRN Research Capacity Development Grants, 61% have been successful in</p>



<p>Objective: To help BC researchers become or remain nationally and internationally competitive in acquiring research funding by helping them create new, innovative and efficient collaborative research teams and projects.</p>	<ul style="list-style-type: none"> • Members' & grey lit database • Mentorship program • Members' Satisfaction Survey • Rapid Response Program • Research Capacity Development Program/grant-writing assistance • Regional Grant Writing Program 	<p>obtaining funding beyond their BCEOHRN funding. This can be attributed to new teams being fostered through BCEOHRN activities and guidelines.</p>
<p>Goal 4. Student support</p> <p>Objective: To encourage research careers in environmental and occupational health by supporting students.</p>	<ul style="list-style-type: none"> • Research Capacity Development Awards • Student and Young Professionals Special Interest Group • Mentorship program • Travel bursaries to attend BCEOHRN events • Travel bursaries to attend conferences where presenting • Poster presentations and networking opportunities at Annual Scientific Exchange • Networking opportunities at Annual Spring Workshop/Conference • Research Capacity Development Program/grant-writing assistance 	<p>Through its varied activities, including those outlined to the left, BCEOHRN has supported students and has encouraged trainees to foster careers in research. Students have uniquely been supported through the Mentorship Program, its Special Interest Groups, Network opportunities to present their own projects at events, and to participate in key leadership roles through the Network, such as chairing conference planning working groups/WebExes and acting as conference moderators. Students have highly rated their satisfaction with the level of service provided to them by BCEOHRN.</p>
<p>Goal 5. Improved knowledge transfer</p> <p>Objective: To help ensure that research results are put to use in BC and elsewhere by facilitating knowledge transfer to communities and policy makers.</p>	<ul style="list-style-type: none"> • Website • Members' & grey lit database • Member recruitment of research users/policy makers • Poster presentations at Annual Scientific Exchange • Annual Spring Workshop/Conference • Knowledge Translation workshop/newsletter • Policy Makers Roundtable • Policy Makers conference • Require policy makers be involved in teams, where appropriate, when applying for BCEOHRN Research Capacity 	<p>BCEOHRN's KTE work has been well documented on its KTE webpage: http://www.bceohrn.ca/Knowledge+Translation+Exchange. Building on its KTE workshop and newsletter and its Policy Makers Roundtable, as its final activity, BCEOHRN convened a conference designed to bridge connections across policy makers and the research community, held March 29/30, 2010, in the provincial capital, to encourage participation by policy makers. New individuals and units were involved in the planning process and in participating in this unique networking event. At the time of report writing, evaluations of this event were not available; however, a great deal of enthusiasm has been encountered by both existing and new BCEOHRN members around this activity.</p>



	<p>Development Grants</p> <ul style="list-style-type: none"> • Olympics - EOHRN workshop • Needs assessment of environmental health officers 	
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* From BCEOHRN's strategic plan: http://www.bceohrn.ca/files/images/BCEOHRN_Strategic_Plan_2008_to_2012.pdf

Section 3: Financial Reporting of Budgeted and Actual Expenditures

Please complete the attached Excel template for the period of **January 1, 2009 – March 31, 2010** showing the most recently approved budget and actual expenditures for this award period. MSFHR budget templates may reflect either the 15-month period (January 1, 2009 – March 31, 2010) **OR** the 12-month and 3-month periods of January 1 – December 31, 2009 **AND** January 1 – March 31, 2010.

Please also ensure the financial statement from the host institution covers the same time period as the MSFHR budget template to facilitate reconciliation. Any unspent funds at the end of the funding period are to be returned to MSFHR.

Note that this will be submitted by UNBC, BCEOHRN's host institution, after all costs have been paid out and after BCEOHRN staff have been terminated. Contact: Aneta Douglass, UNBC Research Accounting Analyst, at douglassa@unbc.ca.

Additional Information

Submission of this report indicates that you are compliant with the following conditions of a MSFHR award:


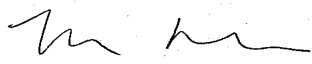
- The support of MSFHR will be acknowledged in all publications.
- MSFHR will be provided with current contact information for follow-up reporting.

Thank you for submitting your report.



Signatures

This report should be signed by each of the Network Co-leaders; electronic signatures are preferred.
“We the undersigned have read the attached report and agree with the statements made.”

Name of Network	BC Environmental and Occupational Health Research Network		
Co-leader name	Dr. Henry Harder		
Co-leader signature		Date	March 22, 2010
Co-leader name	Dr. Paul Demers		
Co-leader signature		Date	March 22, 2010
Individual Co-leader financially accountable for Network	Dr. Henry Harder		
Individuals completing this report	Pat Atherton & Dr. Tanya Wahbe	Position	Executive Director & Research Capacity Development Officer
Tel/Fax/Email/Address for correspondence	Dr. Henry Harder UNBC 3333 University Way Prince George, BC V2N 4Z9 T: 250-960-6506 F: 250-960-5744 E: harderh@unbc.ca		