

## Are PHIs and EHOs ready for the consideration of pharmaceuticals in our drinking water?

A 2011/2012 study carried out by the University of Ottawa, First Nations Food, Nutrition, & Environment Study, dug up some concerning realities about the components of surface and drinking water. Quantifiable levels of a large variety pharmaceuticals were found in water samples at 78% of the 51 sampling sites (Chan, L., Receveur, O., Batal, M., David, W., Schwartz, H., Ing, A., Fediuk, K., Black, A., and Tikhonon, C., 2014).

CBC reported that the levels detected in the samples were very low, however, the components had never before been detected in waters in Canada nor the U.S. The increase in pharmaceutical detection in water is being attributed to improved detection technology and an increased use of drugs by society as a whole (Crowe, K., 2014). In addition to the concern about the presence of the drug, there is a growing concern about the potential interactions between the different drugs. "The World Health Organization admits there is a "knowledge gap" when it comes to "assessing the risks associated with long-term exposure to low concentrations" of drugs and "the combined effects of mixtures of pharmaceuticals. (Crowe, K., 2014)".

The health authorities throughout BC currently have very generic physical and chemical sampling parameters for drinking water systems. Further research is clearly needed to determine what kind of risks these drugs pose on our drinking water, but is this something we could be addressing in the future? Is it a possibility that pharmaceutical compounds could become a part of our standard sampling regime; side by side with nitrates from agri-

A 2011/2012 study carried out by the University of Otta-culture and mercury from industry? Are PHIs and EHOs wa, First Nations Food, Nutrition, & Environment Study, equipped to analyze and understand this information?

To read more about this topic, please follow the link: http://www.cbc.ca/news/health/drinking-watercontaminated-by-excreted-drugs-a-growing-concern-1.2772289

Stacey Sowa, CPHI(C)

#### References

Kelly Crowe, 2014. Drinking water contaminated by excreted drugs a growing concern. Retrieved from http://www.cbc.ca/news/health/drinking-water-contaminated-by-excreted-drugs-a-growing-concern-1.2772289, October 28, 2014.

Laurie Chan, Olivier Receveur, Malek Batal, William David, Harold Schwartz, Amy Ing, Karen Fediuk, Andrew Black and Constantine Tikhonov. First Nations Food, Nutrition and Environment Study (FNFNES): Results from Ontario (2011/2012). Ottawa: University of Ottawa, 2014. Print.

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#### **Branch Update**

#### Letter from the President Elect

Hi Everyone,

Over the past few months the executive of the BC Branch has been very busy working to bring the latest series of educational webinars. I would like to recognize all those who have invested their own time and energy to help bring this educational opportunity to the benefit of our Environmental Public Health Professionals (EPHPs) in Canada. There have been some challenges along the way, but thank you all once again for organizing another great series! By the time this edition of the BC Page is released, the fall sitting of the oral BOCs will have already taken place. Nonetheless, best of luck to all candidates who sat at the BOCs.

Now that most of the work for this round of the webinars is over, the executive will be starting to consider plans for future educational opportunities. In addition, we continue liaising with other professional organizations, the health authorities, and as well as the BC Ministry of Health to advocate for EPHPs and the goals of CIPHI - BC Branch.



Finally, it is my pleasure to announce that CIPHI - BC Branch has nominated Ann Thomas to be the next National President-Elect of CIPHI.

Thank you!

Dale Chen

#### **New National President-Elect Appointed**

Dear members:

It is with great pleasure that I welcome Ann Thomas of British Columbia to the national executive council as national president-elect. Ann has been appointed to the position in accordance with our national bylaws and will officially take over the role in mid-November.

Ann has been a member of CIPHI since 1988 and is a graduate of the British Columbia Institute of Technology (BCIT). Her career began in Fort St. John, British Columbia followed by several years in Hay River and Inuvik in the North West Territories. Eventually she returned to northern BC as a Chief Environmental Officer followed by a move to the Ministry of Health in 2000 to the position of Manager- Environmental Health. Since 2003 Ann has held the position of Regional Manager for Health Protection for the Island Health Authority.

Ann has participated in various CIPHI activities and committees over the years including Editor for the "BC Page" newsletter, Member of the Board of Certification (BOC), and BOC representative on the BCIT Environmental Health Advisory Committee. Many of

our members will know Ann from her role as Chair of the BOC from 2002-2010.

CIPHI has recognized Ann's contributions by awarding her the BC Branch Member of the Year award 1997, the Alex Cross Award in 2012 and including her as one of 100 members of distinction during the centenary celebration in 2013.

Ann considers her involvement with CIPHI to be one of the most rewarding aspects of her career and is looking forward to another op-

portunity to support the profession as a member of the National Executive Council. Please join me in congratulating Ann on her appointment!



Sincerely,

Gary O'Toole National President

#### News from BCIT: Lorraine Woolsey's Retirement

#### **BCIT SAYS GOODBYE TO LORRAINE WOOLSEY**



Pictured from left to right are: Alex Ku, Associate Dean, Sharon Cameron, Program Assistant, Dr. Helen Heacock, Instructor, Vince Crozier, Instructor and Practicum Coordinator, Lorraine Woolsey (retired Program Head), Fred Shaw, Lab Manager, Nick Potter, retired Assistant Instructor and Instructor, Keith Herle, Instructor and Martin Macleod, Program Head & Instructor. Missing are Bobby Sidhu, Instructor and Daliha Yousuf, Instructor.

After 25 years at BCIT; 22 of them as Program Head of the Environmental Health Program, Lorraine Woolsey has decided to retire. At a recent tea party held at BCIT, former Dean of Health Sciences, George Eisler and other colleagues indicated how much they have enjoyed working with Lorraine and how much they appreciate her contributions to BCIT and the Environmental Health Program. Dow, Interim Vice-President Academic, and Alexander Ku, Associate Dean of Health Sciences, praised Lorraine for her hard work, her advocacy for Environmental Health Program as well as her strong organizational skills and attention to detail. Alex commented that the budget for sticky notes and highlighter pens will be greatly reduced with Lorraine's retirement!!! In response, Lorraine gave a heartfelt, yet entertaining, speech about her

years and friendships at BCIT. She will be greatly missed by all.

The week before the "official" BCIT retirement tea party, faculty members held a fun-filled farewell party for Lorraine and her husband, Jim, at the Keg nearby to BCIT. Martin MacLeod, the new Program Head, gave a wonderful speech and thanked Lorraine for her years at the helm of our program. Charlie Young, former BCIT Instructor and Program Head, reminisced fondly about his many years working with Lorraine, and Helen Heacock, Instructor, presented Lorraine and Jim with tickets to the BCIT 50<sup>th</sup> Gala, as a gift from the faculty.

Lorraine was certified in the fall of 1979 and started at the Richmond Health Department in November 1979. She worked there for almost 10 years and left on Aug. 4, 1989. Lorraine then started as a part-time Faculty member at BCIT

in EH on Feb. 20/89. She taught part-time until the end of May that year while she was still working full-time in Richmond. She was hired full time at BCIT on Aug. 8, 1989. Lorraine has held several positions while working for BCIT in Environmental Health: Assistant Instructor, Instructor, Practicum Coordinator 1992 - 2014, Program Head from Jan 1992 to May 2014 and Program Champion for the development of the Bachelor of Technology (BTech) in EH, as well as several Curriculum Reviews and several BOC Reviews. In 2000/01 Lorraine stepped out of the EH Program Head position for one academic year in when she was asked to be the Program Head for the Health Information Systems Technology program for that year.

To Lorraine's credit her career consists of a number of "Firsts:"

- First female student PHI hired by the Burnaby Heath Dept.
- First female certified PHI hired by the Richmond Health Dept.
- First female PHI hired to teach at BCIT in Environmental Health
- First female Program Head for the Environmental Health Program at BCIT
- First female Program Head of an Environmental Health Program in Canada

Kelvin Higo, former Director of the Environmental Health Inspection Program in Richmond had many positive words to say about her contribution to the field the Environmental Health and particularly her leadership role at BCIT. "Firstly I think Lorraine should be recognized for her contribution in turning out great BCIT graduates over the last 20+ years. When she worked for the Richmond Health Department I always found her willing to take on new

tasks and assignments and always fulfilled these thoroughly and in a timely manner. She was so organized that she even had her BCIT notes categorized and indexed as well as having each page numbered!! I know they mentioned this at the BCIT retirement tea and her use of "stickies"!"

We wish Lorraine all the best in her well-deserved retirement. We're certain it will be well organized and she and Jim will enjoy many years travelling the world and seeing its many wonderful sights.

Our heartiest congratulations Lorraine!

Tim Roark, CIPHI BC Branch Historian



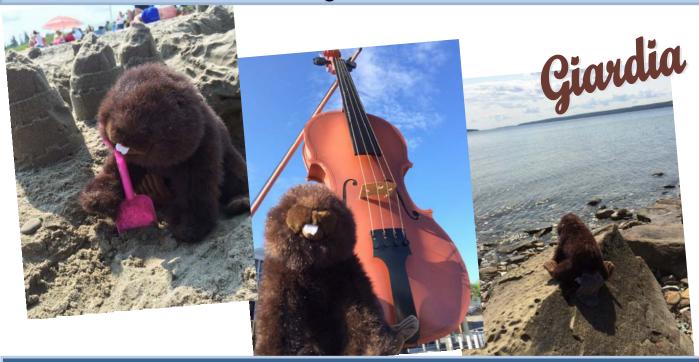
#### Message From The New BCIT Program Head

The British Columbia Institute of Technology is celebrating. To increase accessibility of student research to the field, its 50<sup>th</sup> anniversary this year and we are proud that the this year the Environmental Health program launched our Environmental Health program has been a part of BCIT for own in-house digital archive of student research projects. 46 of those years! It's an exciting time as we reflect on The BCIT Environmental Health Journal is meant to show-BCIT's history, and determine how we can best educate case student projects and make their research available to future EHOs in the evolving field of public/environmental environmental public health practitioners. In addition to health. For nearly 15 years BCIT's Environmental Health launching this digital archive, we have also begun working Program Research Methods and Applied Research courses more closely with the NCCEH and BCCDC so students can have taught students how to engage in public health re- better select projects, have industry expert mentors guide search. These projects vary in breadth across the public them as well as having a venue to present their research. and environmental health paradigm and have been a Should members have suggestions for research projects source of pride to our program. The National Collaborating based on their own experiences please contact us directly Centre for Environmental Health (NCCEH) awards prizes at envh@bcit.ca for exceptional research studies conducted by students across Canada. BCIT ENVH students have won seven NCCEH awards since 2012! We always encourage our students to publish their research; though with the realities of their practicums and preparing for their BOC exams, few have the time to pursue this avenue outside of BCIT.

Education and research are our mandate in the Environmental Health Program. Our 50<sup>th</sup> anniversary is the perfect time to announce the offering of environmental health post graduate continuing education courses. We recently

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#### Introducing Giardia's Corner



We thought it was time to help **Giardia**, our branch mascot (pictured below—right with our branch Prez, Crystal Brown), get a little more well known. **Giardia** has travelled around with our branch executive and has even attended a conference or two. As a symbol representing our branch, **Giardia** promotes public health in every way that he can.



completed development of the "Environmental Health future endeavors. Martin Macleod replaced her as promore continuing education courses in the coming years.

Another milestone of note, Lorraine Woolsey retired this September after 25 years at BCIT; 22 of those years as program head. She will be missed and we wish her well in her

Risk Assessment 2" course which is now available for regis- gram head and Vince Crozier assumed the position of tration. Special thanks to Bobby Sidhu for his work in practicum coordinator. This truly is a time of change and getting this course up and running. We hope to provide growth. There is more happening that we will continue to share with CIPHI BC in the months to come.

Yours Truly,

Martin Macleod

#### News from First Nations Health Authority

Gethsemane Luttrell has moved from her EHO position in Victoria to a new position as District Manager for the Coastal District of the First Nations Health Authority, effective September 29, 2014.

Born and raised on Quadra Island, B.C., Gethsemane has a strong connection with nature and community. Her passion for science, environment and helping people has guided her down the path to Environmental Public Health. Gethsemane completed a Bachelor's Degree in Biology from the University of Victoria in 2003. Growing up on remote west coast islands inevitably provided Gethsemane with a broad marine background, which lead to a start in her career with the Canadian Coast Guard. During this time, she completed her Bachelor of Technology in Environmental Health at the British Columbia Institute of Technology in Burnaby, B.C in 2007. Gethsemane completed her practicums with the Vancouver Coastal Health Authority in Powell River and with Health Canada in Vancouver. Gethsemane's work as an Environmental Health Officer with Health Canada and as an owner/operator of an Environmental Health consulting company has provided her with a broad range of experience in occupational health, drinking water, food safety, communicable disease control and much more.

Gethsemane's biggest passion is her young son, who keeps her very busy! They enjoy many outdoor activities together, especially anything that has to do with the ocean or mountains.



**Congrats** Gethsemane!



# What Does CIPHI Do for You?

In this regular column brought to you by the Membership Engagement Committee of the BC Branch, we will explore the following questions:

- What are the benefits of being a CIPHI member?
- How can you advance your career with CI-PHI?
- What are the associated costs & how are they applied?
- What are our initiatives for recruitment & retention?
- How can you give back to the profession?

### What are the Key Benefits of Being a Member?

- Certification The Board of Certification is the organizational body for certification. This process guarantees that the highest standards for entry into the profession are met.
- Information CIPHI provides ongoing opportunities for professional development, and is proactive in advancing the science of environmental health.
- Advocacy CIPHI works to protect the health of all Canadians on environmental issues while promoting the science of environmental health and the profession.

Besides these key benefits for your personal growth and career development, there are also more tangible perks to being a member. For example:

- Saving money with reduced fees when attending continuing education opportunities
- Access to the CIPHI Environmental Health Review quarterly publication

#### We Want to Hear from You!!

To better serve the Environmental Health Professional Community and the Canadian Public, we would like your feedback on the following topics:

- 1. What benefits would you reasonably like to see from being a member of CIPHI, both personally and for the profession?
- 2. How can we, as the BC Branch or CIPHI National, serve you better?

Please send your thoughts as well as any additional questions or comments to the Membership Engagement Committee at: <a href="mailto:president@ciphi.bc.ca">president@ciphi.bc.ca</a>



#### Len Clarkson Receives The Stanley S. Copp Award



Len is pictured with Jim Mattison, President of the BCWWA, and David Main, President Elect, during the awards ceremony.

Len Clarkson, Water Specialist and Drinking Water Officer with the Vancouver Coastal Health Authority in Squamish, was recently presented the Stanley S. Copp Award. Len received this award for his "Outstanding Contribution" and continuing service as an "Individual" to the BC Water & Waste Association over the past 19 years. The award was first awarded in 1978 in memory of Stanley Copp, a long time member and supporter of the BCWWA. The recipients over the past 46 years have all been key individuals concerned with the provision of safe drinking water to the public in BC.

Len has worked as an Environmental Health Officer in BC since 1976, primarily out of the Squamish office. In 1995 he covered a temporary management position with the Ministry of Health in Victoria and joined both the Small Systems and Water Quality

Committees of the BCWWA. Over the past 4 years Len has chaired the Drinking Water Committee and participated in analyzing and responding to the Water Sustainability Act legislation.

Len is the first PHI/EHO to receive this important award.

Our heartiest congratulations Len.

Tim Roark, CIPHI BC Branch Historian



#### TIM ROARK

President

#### Tim Roark & Associates Environmental Health Consultants

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#### Keep up to date on the latest news at the BC Branch website:

www.ciphi.bc.ca

The page also contains information on membership, conferences, career opportunities, documents, and much more. Check it out regularly.

#### Did you know the BC Branch is on Facebook and Twitter?

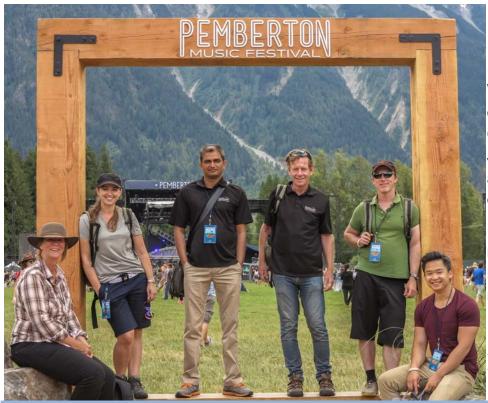


Click on the icon to find the BC Branch on Facebook and *Like* the page.



Click on the icon and Follow the BC Branch on Twitter.

#### **Recent Events**



(Left to right): Cindy Watson (Squamish office), Angela Whalen (Whistler office), Gurinder Saini (Whistler office), Len Clarkson (Squamish office), James Whalen (Whistler office) and Michael Nguyen (EHO student, North Shore office).

(Not shown in photo): Special mention to **Steve Chong** and **Michael Wu** for their involvement.

Picture provided by Vancouver Coastal Health's HP Source (August 2014)

#### **Baby Announcements!**

Andrea and I would like to announce the birth of our baby girl, Kristen Lia Huang.

She was born on September 5th at 1:24 am weighing only 5.6 lbs.

—Denny Huang VCH









Just wanted to share our news. Baby Josephine.

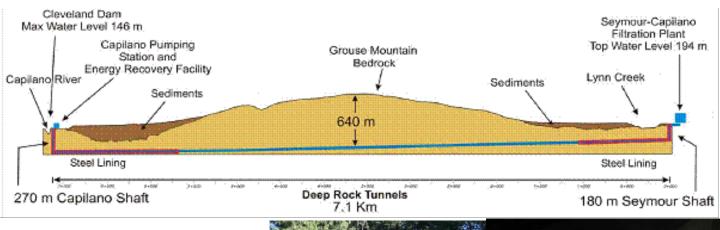
"Josie" was born yesterday morning at 5:40am at 7.7lbs :)

> - Kelcey Watts VCH

#### Seymour Capilano Filtration Project - Treated Water Tunnel Inspection - July 11

Last month, four brave souls (**Dr James Lu, Richard Taki, Len Clarkson and Michael Wu**) from VCH went down a 270m deep shaft into a pitch dark tunnel to inspect the latest water infrastructure for Metro Vancouver. Before the inspection, they went through a safety introduction course which included the use of breathing apparatus. They were then hoisted down by a big crane into a 270m deep shaft (for reference, the Living Shangri-La Building in Vancouver is only 200m tall). At the bottom of the shaft is the water tunnel that will be carrying treated water across Vancouver. With miners' lamps in their hands and closely following Metro Vancouver construction staff, they made their way into the yet to be commissioned water tunnel. The tunnel is 3.8m in diameter, big enough for two small cars to pass. The whole tunnel is just over 7 km long, linking the Capilano Pumping station on the west to the Seymour-Capilano Filtration Plant on the east.

There are two similar tunnels as part of the Seymour-Capilano Filtration Project (refer to the diagram below). One tunnel will be taking raw water from the Capilano Reservoir to the SCFP for treatment and the other will bring the treated water back. In the process, part of the energy used will be recovered in the form of electricity. Under the Drinking Water Protection Act and Regulation, construction or operation of any public water system requires permits from the health authority. The tunnel inspected was the treated water tunnel with construction permit issued by VCH. The purpose of the inspection is to allow Health Protection staff to obtain first hand knowledge of the works and to discuss with Metro Vancouver staff on the commissioning and operation of the tunnels. With the completion of the tunnels and associated works in the next few months, all water supplied by Metro Vancouver in the VCH area will be treated by filtration, ultra-violet disinfection and chlorination.





**Michael Wu** demonstrates the diameter of the water tunnel.

Vancouver Coastal's intrepid explorers being lowered into the shaft that leads to the water tunnel

**Dr. James Lu** helping to inspect the water tunnel.

Article and images provided by Vancouver Coastal's HP Source (August 2014).

#### **BCIT Research Projects**

BCIT Student, Ildiko Herr, with support from BCCDC's Lorraine McIntyre, Leyla Kardan, Sion Shyng, and Kevin Allen had their research paper published in the September issue of Food Protection Trends:

McIntyre, L., I. Herr, et al. (2014). "Competencies of those assessing food safety risks of foods for sale at farmers' markets in British Columbia, Canada." <u>Food Prot. Trends</u> 34(5): 331-348.

**Abstract**: This study assessed the food safety knowledge of farmers' market personnel and inspectors by evaluating their competency to identify missing information that affects food safety risk in food applications received for sale at farmers' markets in British Columbia (BC), Canada. Two surveys were conducted involving farmers' market managers (FMMs, n = 38 survey 1; n = 35 survey 2), farmers' market vendors (FMVs, n = 107 survey 1) and environmental health officers (EHOs, n = 83 survey 2). We found no differences in the general food safety knowledge of FMMs and FMVs in survey 1; knowledge was not associated with experience or food safety training. However, poor scores, less than 70%, were found on questions that evaluated potentially hazardous foods. A follow-up of FMMs and EHOs (survey 2) found food safety knowledge scores higher among EHOs (80.6%) than FMMs (73.3%). Based on the application information provided, foods acceptable for sale were more frequently rejected by EHOs, while food applications not acceptable for sale were more frequently accepted by FMMs (P < 0.001). Although food application scores were low, EHOs scored higher than FMMs when food safety risks were evaluated in food applications (P = 0.04). This study reinforces the need for education for EHOs and FMMs to recognize critical food safety risk information in the recipes and applications typically received for food sales at farmers' markets in BC.

Citation, abstract, and article graciously provided by the International Association for Food Protection. To read the full article, follow the Adobe© link:



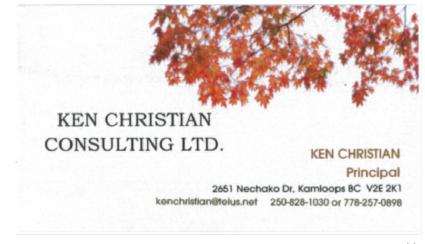
#### **EPHW Survey Draw Winners**

#### The winners of the Five \$25 gift cards were:

- Tracey Kinsella
- Amanda Anderson
- Brigitte Baumann
- Isher Deol
- Guy Osachoff

#### Free 2015 CIPHI Membership Winner:

Denny Huang



# Centenaire SARM DE SARM Collection WERS SARM Collection WERS SARM Collection W Coronavirus SARM Collection W Coronavirus SARM Plantage des mains se Sécurité publique Lavage des mains se Sécurité publique Lavage des mains de l'entre de

#### Environmental Public Health Week September 22 - 26, 2014

The Next 100 Years: Reaching new heights in health protection



# **Environmental Public Health Week 2014 Community Proclamations:**

Province of BC

City of Campbell River

City of Richmond

Comox Valley Regional

District

City of Nanaimo

City of Vancouver

District of Saanich

District of Central Saanich

City of North Vancouver

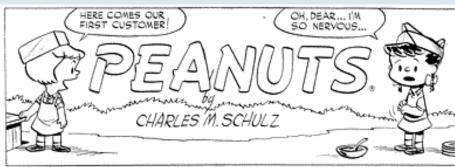
City of Victoria

District of Ucluelet

City of Prince Rupert

Township of Esquimalt

District of Oak Bay
City of Prince George
City of Parksville
City of Port Coquitlam
City of Quesnel
Town of Sidney



















Harris, John (2009). This Should Satisfy the Health Inspector – Peanuts by Chris Schulz. Roasted Peanuts. Retrieved Oct 23, 2014 from <a href="http://c0389161.cdn.cloudfiles.rackspacecloud.com/dyn/str\_strip/238188.full.gif">http://c0389161.cdn.cloudfiles.rackspacecloud.com/dyn/str\_strip/238188.full.gif</a>.





#### **Environmental Public Health Week** September 22 - 26, 2014

#### The Next 100 Years: Reaching new heights in health protection

Environmental Public Health Week recognizes the hard work of all Environmental Public Health Professionals across Canada and the importance of environmental public health programs in our healthcare system. We are dedicated professionals who are committed to promoting and protecting public health, and to meeting new challenges from our environment that can affect human health.





For career opportunities visit www.ciphi.ca

#### **Update from NCCEH**

As the National Collaborating Centre for Environmental Health (NCCEH) strives to become the indispensable online resource for environmental health practitioners and policy-makers across Canada, we are excited to announce the unveiling of our brand new website and a new format for our monthly newsletter. With a modern look and feel, the updated designs have been streamlined to help you find relevant content on your computer or mobile device more readily than ever before.

The information service we provide is propelled by your needs and expertise. We work with public health inspectors, medical officers of health, and community health professionals working in the area of environmental health who can help scope and shape our knowledge translation (KT) products. Given that we have a national platform on which we offer our KT products and knowledge exchange activities such as offering our BCCDC Environmental Health Seminar Series and the NCCEH Journal Club, we invite public health colleagues to partner with us in sharing knowledge and experiences in British Columbia with colleagues across Canada. Should you be interested in partnering with us through one or more of these initiatives (e.g., presenting a seminar or co-running a journal club session), please contact us. We are interested to know about the environmental health topics, cases/ scenarios, and questions that you have encountered in your work. Do you have an interesting or challenging practice issue for which you have found an ideal solution? How can the NCCEH best support your work in finding synthesized research knowledge and to facilitate your

evidence-informed decision making?

Our team at the NCCEH also plans to strengthen our connections with post-secondary institutions that train environmental public health professionals (e.g., programs leading to public health inspection certification or Master's degrees in public health). For our 2014-15 BCCDC Environmental Health Seminar Series we will be collaborating with the BCIT Environmental Health/Public Health Inspection Program to provide an opportunity for select students to present their applied research projects. We hope this will foster recognition and encourage student research by providing an opportunity for students to disseminate their research findings across Canada and promote knowledge exchanges with other practitioners and students. This pilot project with BCIT may be expanded to other post-secondary institutions, so please contact us if you know of schools that may be interested.



Contact: <a href="mailto:contact@ncceh.ca">contact@ncceh.ca</a>



# CONTINUING EDUCATION FALL WEBINAR SERIES 2014

educating

**Environmental Public Health Professionals** 

into the next 100 YEARS

watch for topics dates times

www.ciphi.bc.ca/webinar

#### **BCCDC Update**

BCCDC has launched new resource documents for the safe preparation of sous-vide foods.

Sous vide (fr.) means under vacuum. Sous vide style cooking of vacuum packaged foods is typically done in a water immersion circulator for longer times and lower temperatures than conventionally cooked foods. Widely used in food manufacturing, this technique has become mainstream in BC restaurants.

The guidelines explain food safety issues associated with sous vide style cooking, provide food flow charts, CCPs, time and temperature requirements and guidance for creating and evaluating food safety plans. Visit the <a href="BCCDC food guide-lines">BCCDC food guide-lines</a> web-page or these links below:

<u>Guidelines</u>	Guidelines for restaurant sous vide cooking safety in British Columbia
One page hand-out	Sous vide style cooking public health safety requirements
<u>Video</u>	Presentation given to BC CIPHI branch EHOs on Sep 24, 2014



Healthy Built Environment LIVE WEBCAST session to follow at 1:30 -3230pm.



#### **Upcoming Events**

CIPHI BC Branch AGM—December 4th, 2014

2015 CIPHI Annual Educational Conference—Sept 13-16, 2015



Happy Holidays

from your

CIPHI BC Branch Executive

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#### www.ciphi.bc.ca

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#### **Editorial Policy**

The objective of this newsletter is to keep the members of the BC Branch and other colleagues informed of the local and national events that are of interest and importance to them.

The views, comments, or positions of the BC Page are those of the Editorial Team or the author and do not necessarily reflect those of either the BC Branch or the Canadian Institute of Public Health Inspectors.

The Editorial Team reserves the right to edit material submitted, solicited or unsolicited, for brevity, clarity, and grammatical accuracy.

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The BC Branch will accept advertising relating to health & environmental issues, products, and services. Advertisements, which the Editorial team concludes are contrary to good public health practice, environmental protection goals, are offensive or not in good taste, will not be accepted.

#### **Advertising Rates**

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