



FACES of BCIT

Helen Heacock

Hi, my name is Helen Heacock and I have been an instructor in BCIT's Environmental Health Program for 10 years now. I started working at BCIT when my youngest was in kindergarten. I heard that teaching at college was a great way to juggle work and family life; flexible hours, holidays similar to schools, summers off.... Somehow I wasn't told about the late nights and early mornings preparing lectures and marking papers! As those of you who have had me as an instructor know, I am the only faculty who is not a certified Public Health Inspector. My background is in Occupational Health, Ergonomics and Epidemiology. Luckily, I have learned a little about public health over the years, and continue to be fascinated (and shocked sometimes) by what you guys all do for a living! In the ENVH program I teach epidemiology, research methodology and applied research project, risk assessment, and this year, I have started to teach Ergonomics in the OCHS program. Sadly, statistics is no longer taught as a 20 week course – too bad, as I REALLY want everyone to love stats as much as I do!!! I believe that the ENVH program at BCIT is top notch. What I see from the students and faculty is dedication, hard work, creativity, enthusiasm and a lot of fun!

Outside of work, I am busy – my 2 kids are getting older – my son will be 19 in August and my daughter 16, also in August. As they need me less, I find my spare time fills with all sorts of other activities – the most recent being the Ride to Conquer Cancer. In mid June, along with 2200



others, I cycled from Vancouver to Seattle to raise money for cancer research, education, treatment and prevention. We raised over 9.2 million dollars! This September I am looking forward to the 11th World Congress on Environmental Health. I am helping to organize the Faculty Forum which will be a wonderful opportunity to connect with the international community of environmental health officers. I look forward to seeing many of you at the Congress!

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Message From The Editor



The field of Environmental Public Health is an ever changing one. As we learn more through science, as legislation is changed and updated or as we are instructed to shift our focus we are constantly adapting and adjusting our approaches.

The release of CIPHIs Continuing Professional Competencies Program this past winter brings the importance of these changes to the forefront of our profession. Constant learning and being able to be flexible is an important attribute to have in our field. While some things are very rigid – an immediate health risk to the public will always require immediate action, we have been instructed to use, “appropriate discretionary regulatory approaches,” in all situations.

But what does this mean to the practicing Environmental Public Health Professional (EPHP)?

It means we have the ability to use something that most enforcement officers only dream about – common sense. Rather than simply saying, the law is the law you must do this, we have the ability to assess a situation, determine the actual risk and make the appropriate recommendations.

Through this discretionary approach we are able to build relationships with our operators and community leaders, stepping away from our old role as straight enforcement and embracing a new role as an integrated part of the community. We maintain a unique balancing act each time we walk into a facility and perform a risk assessment. We need to keep the public safe, have issues at hand addressed but also try and maintain a positive relationship with each operator. When we take the time to build relationships, to educate, be helpful and even caring we open operators up to being more receptive of us, our role and their requirements. Once we have achieved that relationship we are often more likely to achieve compliance.

Respectfully,

Sarah MacDougall,
Editor

CIPHIs Continuing Professional Competencies Program

The Continuing Professional Competencies Program (CPC) has been underway for just over six months now. Throughout each province provincial “champions” have been touring the Health Authorities to deliver the message. If you have not received a visit yet, or would like more information please visit the website:

<http://www.ciphi.ca/corecomp.htm>

BRANCH UPDATE



After a month of cool weather, more than usual rainfall, and less than usual sunshine, the summer is finally here. People are starting to head outdoors to enjoy the sunshine, warm breeze, and the beautiful scenery that British Columbia has to offer. It is also a busy time for Environmental Public Health Professionals (EPHPs) to ensure safe food handling practices, safe drinking water, and proper handwashing facilities in special events, to provide public health information to the public about barbecue safety, protection against UV light from sun, West Nile virus from mosquitoes, and to assess water quality in outdoor pools, beaches and recreational lakes.

We work hard to maintain ourselves as our communities “go to” people, and in establishing a relationship of trust with them. Such trust is jeopardized by incidents across Canada where individuals fraudulently present themselves as Environmental Public Health Professionals, and make attempts to extort money or personal information from the operators. Our President of the National Executive Council has issued a News Release to warn the public about these incidents, and has provided information on reporting these incidents. Please check out our BC Branch website for the full document of the News Release. This was sent directly to the BC Restaurant & Foodservices Association to ensure their awareness of this scam.

Besides News Releases, many EPHPs in the committees of 11th International Federation of Environmental Health Congress 2010 (IFEH 2010) have come to the final stages of the planning process. We are delighted to have invited keynotes such as Mr. David Williams, a Canadian astronaut and Ms. Ashleigh McIvor, Canadian Gold Medal Olympian in 2010 Vancouver Olympics to inspire delegates around the world. We also receive overwhelming response from researchers and speakers around the world who will be presenting studies about food safety, air quality, climate change, built environment, environmental health management, and many more fantastic topics. For CIPHI-National, a workshop on the Core Competency Program and the National Annual General Meeting will be hosted during the conference. In addition, there will be fun and informational technical tours that will give delegates new perspectives about environmental health. Do not miss out this great opportunity to meet and network with EPHPs around the world.

You can get a great IFEH 2010 registration fee discount if you are a CIPHI member. Therefore, if you have not renewed your CIPHI membership, please hurry up and renew it online now. Please note the Early Bird registration rate deadline is approaching fast, so don't hold off on registering for the IFEH World Congress !

I hope to see many of you in the conference.

Best regards,

Gary Tam
Vice President –
BC Branch



FACES of BCIT

Martin Macleod



I joined the Environmental Health faculty at BCIT in August 2009. Currently I teach food hygiene, food processing, pools and recreation, hydrogeology, pest management and outdoor air quality. At first I encountered a bit of a time warp, finding myself teaching in some of the same classrooms where I sat as a student 25 years before. After graduating from BCIT in 1984 I worked in a large rural district in southwest

Saskatchewan from a small satellite office in Maple Creek – culture shock for someone like myself born and raised in Vancouver. Following that I joined Skeena Health Unit, stationed in Smithers. Then it was a three year stint with Richmond Health Dept. as a vector control specialist, followed by another move to Chilliwack where my wife and I settled and raised our two children. The last five years I was with the Fraser Health regional drinking water program. Some years ago I decided to pursue education as I had always enjoyed that aspect of the job. After completing my PID (Provincial Instructor's Diploma) I was granted a leave of absence from Fraser Health and took a teaching position in Doha, Qatar from 2005-2006. There I practised my skills teaching Environmental Health to young Qatari men and women for the College of the North Atlantic. This experience gave me a global outlook on Environmental Health issues as I often used WHO material for teaching resources. On my return I completed a Masters degree in Education and was fortunate to become an instructor at BCIT soon after.

My goal is to make the courses as relevant as possible using my experience and contacts from the field. Environmental Health is changing rapidly and the challenge is to keep current with the changes. To this end I would like to do my part to encourage a flow of information between the HA's and BCIT faculty. I also believe it is important to train students in critical thinking and problem solving skills so they are able to work through challenges they will face in the field. Finally, I admit to a bias for rural work. Many of the students want to work in the Lower Mainland and there is nothing wrong with that, but I encourage them not to be afraid to look at the rest of BC (and the Prairies too). My richest experiences (and best stories) have come from rural work.

I look forward working with the faculty and contributing to the education of future EHO's.

Keith Herle



I've just finished my very first term as a full-time instructor here at BCIT and what an incredibly interesting, exciting, exhausting, time it has been!

Environmental Health students are a very bright bunch, and putting together presentations of new concepts, materials, projects, etc every day to challenge them is no easy task. The students' course evaluation forms are now all in, and surprisingly they didn't all liken my lectures to great piles of... a certain *E. coli* source... and call for my head! (Thanks everyone, now you can have that "student discount" on Foodsafe classes I promised!) I have to give full credit to my wife Sandra, who worked incredibly hard so I could focus exclusively on this for 6-7 days each week for 5 months. Now it's time to spend a few weeks creating and improving more material, then taking that blissful summer off... before doing it all again! I'm hoping that teaching the same courses for a second time will be more like jogging a marathon instead of sprinting one, but we'll see...

I started down this road a long time ago... first on the student side of the lectern for seven years at UBC and two years at BCIT, then as an EHO in Vancouver for the past 15 years. I first tried teaching at BCIT with a single course in 1999, which was also an incredibly interesting, exciting, exhausting experience, and very far out of my comfort zone at the time. More recently I've taught a few more courses at BCIT, and when the opportunity arose for a full-time position this past January, I jumped at it. It seems that I must really enjoy teaching, as I've also taught the Foodsafe course almost 200 times over the past few years. I highly recommend it to anyone curious or interested enough to have read this far (teaching in general, not FoodSafe 200 times!). I hope the students feel they've learned and benefitted at least a fraction as much as I have. I'm looking forward to the class of September 2010 - as long as the summer doesn't pass by TOO quickly.

DEPUTY MINISTERS EXPRESS CONCERN

This past March Grant Main, Deputy Minister of Healthy Living & Sport and John Dyble, Deputy Minister of Health Services co-signed a letter to the Chief Executive Officers of the BC Health Authorities. The DMs expressed some serious concerns regarding the use of discretion by some PHIs when enforcing health legislation. They have concluded that risk based flexibility and common sense approaches in the application of legislation is not necessarily evident: including appropriate management and supervisory guidance. They state that communication with local officials and community leaders must be enhanced prior to regulatory enforcement on community events and progressive enforcement utilized. They do acknowledge and express appreciation for the challenging work of Health Protection staff.

As you can appreciate the full letter goes into much great detail than has been paraphrased here. The *BC Page* has learned that some members have read the letter, some have just heard about it and still others have not heard about it. We have approached several of the EH Directors to obtain a copy as well as officials in the Ministry of Health Living and Sport. Our request is still under active consideration but we have not received a copy for inclusion in the *BC PAGE* as yet. If the *BC Page* receives a copy the letter will be published in a future issue. We believe that all the members in BC should be able to see and understand the concerns expressed by the DMs. If all members are aware of those concerns there should be less potential for those situations to arise in future.

See pages 6 & 7 for a self-explanatory letter from Branch President Keir Cordner in response to the letter from the Deputy Ministers. It has been sent to Grant Main, Deputy Minister of Healthy Living & Sport, John Dyble, Deputy Minister of Health Services, Andy Hazelwood, Assistant Deputy Minister, Population and Public Health, Ministry of Health Services and Wendy Hill, Assistant Deputy Minister, Health Authorities Division, Ministry of Health Services. It has also been sent to the Environmental Health Director at each Health Authority as well as being shared with each Provincial Branch President.

Nanoparticles linked to deaths

Two young Chinese women died and 5 other suffered permanent lung damage after working without proper protection in a paint factory using Nanoparticles. This is the first study documenting health effects of nanotechnology according to Chinese researchers. Previous studies had confirmed such particles could damage the lungs of rats. Nanoparticles are now starting to be used in some sun screens, cosmetics, car waxes, food packaging and the construction of boats and a host of other products. In the future you will find them in everything from car batteries to medications. Researchers are now stating that without proper regulation for both workers and consumers, Nanoparticles will not only facilitate wonderful new medical treatments and technological breakthroughs but also whole host of new and serious public health problems in the decade ahead until they are properly regulated.

Tim Roark

Based on recent reports in the Sydney Morning Herald, Consumer Reports, Professional Boat Builders and Science & Technologies



**Canadian Institute of Public Health Inspectors
L'Institut canadien des inspecteurs en santé publique**

CIPHI British Columbia
c/o Vancouver Coastal Health
12th Floor, 601 West Broadway
Vancouver, BC V5Z 4C2
www.ciphi.bc.ca

Friday, April 23, 2010

Mr. Grant Main
Deputy Minister
Ministry of Healthy Living and Sport
1515 Blanshard Street
Victoria, BC V8W 3C8

Dear Mr. Main:

I am taking this opportunity to write to you in regard to recent correspondence sent by your Ministry to the Health Authorities of British Columbia. The concerns brought forth by the Ministry of Health Living and Sport which relate to the practices of Environmental Public Health Professionals (EHP's) practicing in BC are of great concern to our Association, the Canadian Institute of Public Health Inspectors, BC Branch.

Your concerns speak specifically to the importance of maintaining a climate of consultation between practicing Environmental Public Health Professionals working for the BC Health Authorities with our many stakeholders out in our communities. It further advises regarding our BC Government's expectations in relation to the discharge of our regulatory duties as EHP's. It refers to occasions where improper application and use of discretionary powers have been identified and have been deemed unacceptable. It stresses a regulatory approach that is transparent, accountable, consultative, communicative, and relevant. You also acknowledge the challenging work our members perform in their day to day duties and your appreciation for the admirable work that is most often done under challenging circumstances.

I write to provide assurances to your Ministry that our Association and members aspire to the expectations described in your letter. These are at the core of our Code of Ethics and our defined Standards of Practice. We work closely with the Educational Faculties at the Schools of Environmental Health across Canada to ensure that curriculums are current and relevant, and we have developed a streamlined practicum training program in BC that prepares our future members for the many challenges they will face in their careers as EHP's. The Canadian Board of Certification Examination has been streamlined for consistency nationwide to provide a reliable and diligent process for setting entry to practice standards.

We launched our Continuing Professional Competencies (CPC) program in January of this year as the endorsed standard for ongoing professional development for EHP's in Canada. This most recent achievement is a milestone for Environmental Public Health in Canada which aligns with the Pan Canadian recommendations from the Public Health Agency of Canada for capacity building in the Core Programs in Public Health. Ours is a profession that relies on collaboration for its growth and development and this is embodied in the successful relationships we maintain with our learning institutes, industry, the communities we serve, as well as the various levels of government with which we interact at the Municipal, Provincial, and Federal levels.



Canadian Institute of Public Health Inspectors
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I will not question the foundation from which your Ministry has chosen to query the practices of our members and will trust that your concerns are not the result of isolated incidents. I am sure you are aware of the efforts taken by our members to provide services that are valuable to the protection of the health of British Columbians. I am also sure you are aware of the challenges faced in delivering these services and the various roles we serve as consultants, educators, mediators, negotiators, regulators, and enforcers. We are all aware of the financial challenges we face in establishing programs that are fiscally responsible and effective in protecting the health of British Columbians.

Please be assured that the Canadian Institute of Public Health Inspectors, BC Branch, strongly supports responsible environmental public health programs that are delivered using a consistent, consultative, and accountable approach. We must have the capacity through adequate resourcing from our government to maintain and deliver such programs effectively and to allow for the protection of safe water supplies, food supplies, land development practices, safe air quality, and safe public areas in our built environment. It is with this resourcing that we can assure that shifts in public needs are balanced with sound messaging, progressive policy, the necessary regulatory change or interpretation, and consistent application of best practices to protect public health.

The BC Branch totally supports the use of sound risk assessment, education, and where necessary, progressive enforcement to achieve outcome based performance principles. However, our members are often tasked with informing clients of legislative policy that dates back many years and lacks the flexibility to meet modern day outcome based philosophy. For this reason we would greatly appreciate the opportunity to work with Government to discuss the development of regulatory policy that allows this flexible outcome based approach.

I also encourage you to become familiar with our newly launched Continuing Professional Competencies program, and the ongoing activities of CIPHI BC Branch. It is with familiarity that we can strengthen our partnership with your Ministry and ensure the best protection of the people and communities in BC. It is in the specific interest of our Association to ensure that we follow best practices in our service delivery to the public.

I welcome any opportunity to meet with you, or your program staff, in person to discuss our Association, activities, and practices further. Alternately, do not hesitate to contact me at 250 335 01 5 or e-mail at bcbranchpresident@gmail.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Keir Cordner", written over a circular stamp that is partially visible in the background.

Keir Cordner
CIPHI BC Branch President

encl. CIPHI Continuing Professional Competencies (CPC) Program, Reference Guide, Release
1.1

Health inspector saw smoking in public vanish

Domenic Losito to retire this spring after 36 years

Naoibh O'Connor, Vancouver Courier

Published: Wednesday, March 10, 2010

Vancouverites could light up almost anywhere when Domenic Losito was hired as a health inspector in 1974. The prospect of discovering your local restaurant was cited for a rat infestation through the stroke of a keyboard was unfathomable.

But as Losito prepares to retire from his position as regional director of health protection, smoking is largely banned in public areas and health inspection reports of all kinds are easily accessible for scrutiny online.

Such advances are among the highlights of the 56-year-old's career in health protection, monitoring dangers to human health through food, water, air and contaminants.

"We've come a long way [with smoking] and it shows. We had about 26 or 28 per cent of our adult population smoking in the late '70s. We're now at pretty close to 10 per cent. And we've got no reason for anybody to be exposed to second-hand smoke. They can certainly avoid it," Losito said.

Technological advances through the years have revolutionized his field from the advent of tablet computers to the launch of a system enabling remote temperature reporting for food, fridges and coolers at the athletes villages during the 2010 Games. "It would send all that information by radio frequency to a central recording unit and we'd be able to get a summary of each day what those temperatures were like," Losito said. "We did a good job of ensuring the memory of the Olympics isn't somebody with food borne illness that spoiled their Vancouver experience or maybe even spoiled their ability to win a medal."

While the inner workings of health protection have changed, so has its public face. The first female health inspector was hired in 1972—two years before Losito started, while today his staff is predominantly female at 70 to 75 per cent.

The workforce is also better educated—Losito earned a two-year diploma at BCIT. Now it's a degree program.

Losito likes the direction public health is going with its focus on transfat, salt intake and healthier eating, and efforts to prevent and reduce chronic diseases.

He doesn't see these recent moves as paternalistic and argues a publicly funded health care system needs to be sustainable. "I see us going down roads I certainly hadn't contemplated 10 years ago... If we started doing that 20 years ago we wouldn't be faced with the reality of six to eight per cent increase in health care budgets each year to address mostly preventable or chronic disease," he said.

Losito officially retires April 30, but banked holidays will see him leave office at month's end. Richard Taki is his successor.

noconnor@vancourier.com

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Read more: <http://www2.canada.com/vancouvercourier/news/story.html?id=8061cbce-a660-4c19-b53e-79da2786e82b#ixzz0iMUgHzy>



Jason Lang photo

Retirement Parties Across BC

Nick (Domenic) Losito



Left Photo: Grace McIver, Chelsey Losito (Nicks Daughter) Nick (Domenic) Losito, Corrina (Nicks Daughter) Debra (Nicks Wife) (from left to right)



Right Photo: Nick, Nicks Grandson, Nicks father-in law

Retirement Parties Across BC

Bill MacIntyre and Younge Wong



Bill McIntyre, Brian Johnston and Irene McIntyre



Richard Taki and Younge Wong



Bill McIntyre, Hope Li, Roopy Khatkar, Younge Wong, Greta Kos and Alf Guthrie

Bill & Younge Finally Retire

An enjoyable time was had by all at the recent retirement party for Bill McIntyre & Younge Wong both long-time employees with the Vancouver Health Department and subsequently VCHA. A large group gathered at the University Golf Club in Vancouver to wish both Bill and Younge well in their retirements. The food was delicious and the roasting that both Bill and Younge received was even better. Photos and stories from years past were most revealing. However, amongst all the kidding it was a very clear that VCHA was losing two very competent and well respected team members. All in all a great send-off for two great colleagues.

Retirement Parties Across BC

Ron Cook

Ron Cook has retired. After 34 years as a Public Health Inspector/Environmental Health Officer, he has finally “pulled the pin”. Ron graduated in 1976 from the Environmental Health Program at BCIT and started his career with the South Central Health Unit in the Kamloops area. In 1990 the call “Go West you man Go West!” convinced Ron to move to Duncan in the Central Vancouver Island Health Unit where he has worked until his recent retirement. Current and former colleagues joined Ron for an evening at a local pub to celebrate his new occupation, “retired”. Colleagues in Victoria also joined Ron in celebrating his retirement after a recent PHI staff meeting. Ron and his wife own a great 38 foot sailboat so don’t be surprised if you can’t reach them at home as they will likely be out trimming the sails and enjoying something tall and cool as they ply the waters of the Pacific Northwest. All the best to you Ron on a long and enjoyable retirement.



Allan, Gerry, Cole & Glen join Ron to celebrate his retirement.

Ann Thomas, Director of Health Protection & Environmental Services with VIHA wishes Ron all the best on his retirement.



Tuesday, July 13, 2010

Board of Certification Exam Coordinator BC Branch

The Canadian Institute of Public Health Inspectors (CIPHI), BC Branch, is seeking a replacement for the Board of Certification (BOC) Examinations Coordinator. This volunteer position oversees the planning and organization of the CIPHI Board of Certification examinations twice per year (April and October). The BOC Examinations Coordinator reports to the National Board of Certification and the National Executive Council of CIPHI.

BOC Examination Coordinator:

Responsibilities:

- **Receive correspondence relative to the Examination from the Secretary,**
- **Notify the Secretary of:**
 - **the location or locations where Examinations will be held,**
 - **the names, addresses and disciplines of the members of each Examination Panel.**
- **Notify each accepted candidate of:**
 - **the location where such candidate will be examined,**
 - **the date and hour when such candidate should report for the Examination**
- **Select the members of the Examination Panel or Panels in accordance with the provisions contained in:**
 - **the Regulations Respecting the Certification in Public Health Inspection (Canada) and Governing the Board of Certification of Public Health Inspectors,**
 - **be responsible for the physical arrangements for all aspects of the Examination,**
 - **ensure that candidates' Field Inspection Reports are provided to the proper member of the Examination Panel, as far as possible in advance of the date of Examination,**
 - **ensure that all relevant instructions and information are provided to each Examination Panel,**
 - **ensure that all Examination materials, all reports on the Examination of candidates, and all other relevant materials are forwarded to the Secretary at the earliest possible time following the Examination, and**
 - **ensure that the Examinations are conducted in a proper manner and in accordance with the relevant Sections of this Administrative Policy.**

Examination Coordinator skills:

- **Ability to work independently,**
- **Ability to plan ahead,**
- **Good organizational skills,**
- **Good time management skills,**
- **Good verbal and written communications skills,**
- **Ability to keep information confidential.**

Requirements:

- **Minimum of five years certified public health inspection experience**
- **Member in good standing in CIPHI**
- **Support from his/her employer**
- **3 years commitment**

Board of Certification Exam Coordinator BC Branch cont'd

Benefits:

- This position provides self fulfillment through your commitment to the Profession of Environmental Public Health.
- Provides a great opportunity for personal and professional growth in a leadership role within the Board of Certification of the CIPHI BC Branch.
- Provides excellent opportunity to liase and network with Environmental Public Health Professionals across BC and Canada.
- This role qualifies for Professional Development Hours (PDHs) under Core Competency Program in CIPHI

Deputy BOC Examination Coordinator:

Requirements:

- Minimum of five years certified public health inspection experience
- Member in good standing in CIPHI
- Support from his/her employer
- 3 years commitment as the Deputy BOC Examination Coordinator, and then phase into 3 years commitment as the BOC Examination Coordinator

Training Plan:

The successful candidate for BOC Examination Coordinator will work closely with the current BOC Examination Coordinator to understand the duties of the position during October BOC examination 2010. The new Coordinator will take lead responsibility for coordination of the April 2011 BOC Examination.

The new Deputy BOC Examination Coordinator will learn and assist with the duties of the BOC Examination Coordinator during the April BOC examination 2011.

Application Criteria and Deadline:

Applicants should submit a one page summary of their skills and experience relating to the BOC Examination Coordinator position and/or Deputy Examination Coordinator position. Please include your reasons for seeking this position.

The Application deadline for these positions is Friday, August 6, 2010.

Submit applications to CIPHI BC Branch President at: bcbranchpresident@gmail.ca

Questions – call Keir Cordner, BC Branch President: 250 331 8603

Turtles & Frogs Can Cause Salmonella

If it isn't turtles with Salmonella in the USA it's frogs. Pet frogs are now being blamed for a national salmonella outbreak that's known to have recently sickened 48 people for 25 states. This is according to information provided by the Centres for Disease Control and Prevention. Investigation by health officials confirmed that many of the people who had been ill said they had been in contact with frog such as the African dwarf frog. In fact the strain was found in aquariums in three homes where illnesses had occurred. The lessons to be learned are to keep your turtles out of the kiddie pools and wash your hands and arms thoroughly after each time you handle these animals and work in your aquarium.

CDC Update



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FRANKIE

In Memoriam

Daniel Robert Vujevic



BC Branch members were saddened by the news that Winnipeg-borne PHI, Daniel Vujevic, passed away on March 8th. Dan was a graduate at the BCIT – Environmental Health Program and did his field training with the City of Winnipeg.

DANIEL ROBERT VUJEVIC May 29, 1978 - March 8, 2010
After a lengthy, courageous battle with cancer, Daniel passed away peacefully at home in Lethbridge AB, surrounded by his loved ones.

Daniel was born and grew up in Winnipeg where he attended school before moving to Lethbridge and working as a public health inspector.

Daniel loved outdoor activities, his cars, sports and music. Daniel touched the lives of everyone whose paths he crossed, and taught us all about the value of life. Daniel is survived by his parents, Paul and Maria, brother Denes (Robyn), nephews, Anden and Marek.

He will also be missed by his life partner Kristen, Aunt Ann (Zoli), cousins Livi and Monika, Uncle Peter (Julia), cousins Zoli and Laci, Uncle Joe (Maria), cousins Ernest, Elizabeth and Eddie as well as his pets. The family would like to thank the dedicated staff at St. Michael's Health Centre and Lethbridge Regional Hospital.



In Memoriam



Douglas Roe

Douglas Roe passed away Saturday, November 17, 2007 at Cowichan District Hospital.

He was born April 19, 1919 in Romily, England, grew up in the north of England, served as a soldier in WW II, then came to Canada with his first wife, Joan in 1948. Initially they lived in Trail, BC, where Doug commenced his training to become a Sanitary Inspector. In 1956 Douglas was granted his CSI(C) #1040. In 1960 they moved to Duncan where Douglas was the Public Health Inspector for the Central Vancouver Island Health Unit.

Douglas was a keen winemaker, gardener, and photographer and he shared these joys with many friends at his home on Somenos Road. When Joan developed Alzheimers he cared for her for many years. After she died he married Francine O'Brien. He "adopted" her family, and embraced a new life filled with travel, children and grandchildren, and most recently, a new property.

Douglas will be sorely missed by the many people whose lives he cheered. He is survived by Francine, step-son Simon Kissinger, step-daughter Sarah Burdet and her husband Richard, granddaughters, Celia and Caitlin plus nieces and nephews in Ireland and England. The family would like to say a big thank you to all the dedicated health care professionals whose many kindnesses helped him so much. A gathering to say goodbye was held at the Quamichan Inn.

MUTANT FUNGUS SPREADING ON WEST COAST

Potentially deadly disease -
WASHINGTON (Reuters)

Published April 23 2010 peacharchnewsdaily

A potentially deadly strain of fungus is spreading among animals and people in the northwestern United States and B.C., researchers reported yesterday.

The airborne fungus, called *Cryptococcus gattii*, usually only infects transplants and AIDS patients and people with otherwise compromised immune systems, but the new strain is genetically different, the researchers said.

“This novel fungus is worrisome because it appears to be a threat to otherwise healthy people,” said Edmond Byrnes of Duke University in North Carolina, who led the study.

“The findings presented here document that the outbreak of *C. gattii* in Western North

America is continuing to expand throughout this temperate region,” the researchers said in their report, published in the Public Library of Science journal *PLoS Pathogens*.

“Our findings suggest further expansion into neighbouring regions is likely to occur and aim to increase disease awareness in the region.”

The new strain appears to be unusually deadly, with a mortality rate of about 25 per cent among the 21 U.S. cases analyzed, they said.

The spore-forming fungus can cause symptoms in people and animals two weeks or more after exposure. They include a cough that lasts for weeks, sharp chest pain, shortness of breath, headache, fever, nighttime sweats and weight loss. Freezing can kill the fungus and climate change may be helping it spread, the researchers said.

New Municipal Wastewater Systems Effluent Regulations

The Government of Canada has drafted the proposed **municipal wastewater systems effluent regulations**. It is expected that this document will soon become legislation, at which time all municipalities in BC will be required to comply with these regulations. It is hoped that this will be similar to the BC Municipal Sewage Regulation (MSR) to ensure that municipalities are not required to comply with two different standards. The “draft regulation” linked above is now available for review and input. Once this regulation is gazetted, stakeholders across Canada will have 60 days to provide comment. BCWWA will notify the wastewater community as soon as we hear that the Federal regulation has been gazetted. You are encouraged to review the document and respond to Environment Canada with your comments. You may also copy BCWWA on your response or send your comments or suggestions to us at wweffluent@bcwwa.org. BCWWA will then collate and review your submissions and depending on the nature and level of concern, will either prepare an independent response or will forward the collated comments to Environment Canada as received. In either case, you will be copied on our response.

Daisy Foster CEO, BCWWA

Re-Inventing Rainwater Management: A Strategy to Protect Health and Restore Nature in the Capital Region

This report by UVic Environmental Law Clinic demonstrates that the “21st century Green City” is achievable. Released in February 2010, **Re-Inventing Rainwater Management** documents how ‘green’ rainwater management has now been adopted by engineers, developers, planners and governments across North America. “The report also demonstrates that ‘Design with Nature’ approaches and Low Impact Development techniques are environmentally superior, and often are cheaper. In addition, they can provide incalculable benefits,” states **Calvin Sanborn, Legal Director** of the Environmental Law Clinic at the University of Victoria. To download a copy of the report and read a summary story posted on the Water Bucket website, click on Re-Inventing Rainwater Management.

BCWWA

<http://www.bcwwa.org/news/index.php>

**BCIT
SCHOOL OF HEALTH SCIENCES
ENVIRONMENTAL HEALTH PROGRAM
2010 GRADUATING CLASS**



Back Row (L to R): Todd Stanaway, Adrian Thorp, Jessy Bhatti

Next Row (L to R): Priscilla Cheung, Daliha Yousuf, Kira Jang, Emily Boggis, Dale Chen, Mark Hall, Amanda Anderson, Eric Cheng

Next Row (L to R): Tracie Cheng, Heidi Ho, Isabel Vititpong, Angela Mak, Kuljeet Rai, Marta Jaeckel, Irina Arzumanyan, Sabrina Dosanjh

Front Row (L to R): Sara Li, Linda Fu, Anna Bazarjani, Stephanie Chak, Esther Tong, Cicely Yang, Madhu Nair

7x

The number of times you should wash your hands daily to increase the likelihood of staying healthy.

Source: Professor Marilyn Lee, Occupational and Public Health, Ryerson University, Toronto.

A Study of the Microbiological Safety of Tofu Available to Consumers

Emily Boggis - BCIT 2010 Student Research Paper

Abstract:

"Is the microbiological quality of pre packaged tofu superior to bulk tofu?". This is an important question to ask because tofu is a commonly consumed food in the general population and some of this tofu is sold in bulk. Bulk tofu is made in the same way as the pre packaged tofu, however the bulk tofu may not be pasteurized at the end of its production. This is done because many consumers feel that the taste and texture of the tofu is negatively affected by pasteurization. Environmentally conscious people may also prefer bulk tofu over the packaged variety because it reduces packaging waste. The bulk tofu is open to contamination during its shipping and distribution phases which may make the microbiological quality of these products lower and potentially lead to gastrointestinal illness.

The purpose of this project was to analyze the two different types of tofu (bulk and pre packaged) for their microbiological quality by assessing bacterial counts in both study groups. The parameters that were tested for this purpose were aerobic plate count using Trypticase Soy Agar and total coliforms using Violet Red Bile Agar. There were 20 samples of each type of tofu tested for both of the parameters. Numerical data was collected in the form of Colony Forming Units per gram of sample. This data was analyzed using a one tailed, two sample t-test. The analyses showed that there was a statistically significant difference between the total aerobic bacterial counts in the bulk and pre packaged tofu samples ($p= 0.000036$). The t-test could not be used to analyze the difference between the total coliform bacterial counts in the two sample groups because the descriptive statistics did however show that there was a notable difference in coliform counts between the bulk and pre packaged groups. Consequently, it was deduced that there was a significant difference in bacterial quality between the two groups when considering this parameter. This indicates that there is a hazard that needs to be taken into account by the consumer when purchasing and consuming bulk tofu. Furthermore, it indicates that there may need to be more emphasis placed on the microbiological safety of tofu products by the industry.



TIM ROARK
President

Tim Roark & Associates
Environmental Health Consultants

3301 - 164 A Street
Surrey, B.C. V3S 0G5

Tel/Fax 778-574-1188
Email Tim.Roark@shaw.ca

BCIT GRAD CLASS 1987



Back Row:

Cecellia Harris, Maggie Passmore, Donna Bush, Jackie Schnieder, Daniella Cmiral, Grace McIver, Denise Pallot, Joyce Michaud, Hetty Nadeau

Middle Row:

Rob Wilford, Clarence Gary, Harry Dhaliwal, Ralph Sears, Guy Osachoff, Glen Gibson, Brent Kersteins, Dave Cherry

Front Row:

Dan Armstrong, Wayne Borman, Dan Ferguson, Patricia Tymiak, Max Johnson, Chris Laughlin

Missing from picture: Marvin Robert, Vivian Kwong, Dave Currie, Julie Hastings

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www.ciphi.bc.ca

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

BC Branch Executive 2010

www.ciphi.bc.ca

President	Keir Cordner	250-334-5472	keir.cordner@viha.ca
Past President	Jasmina Egeler	604-675-3810	jasmina.egeler@vch.ca
Vice President	Gary Tam	604-233-3217	gary.tam@vch.ca
Treasurer	Kuljeet Chattha	604-675-3919	kuljeet.chattha@vch.ca
Recording Secretary	Isher Deol	604-675-3843	isher.deol@vch.ca
Corresponding Secretary	Renee Ansel	250-443-2193	renee.ansel@interiorhealth.ca

Councillors

Sarah MacDougall	250-263-6049	sarah.macdougall@northernhealth.ca
Jana Cranch	604-476-7066	jana.cranch@fraserhealth.ca
Paul Markey	604-983-6813	paul.markey@vch.ca
Grace MacIver	250-470-5144	grace.maciver@hc-sc.gc.ca
Thasneem Sandi	604-507-5492	thasneem.sandi@fraserhealth.ca
Greg Baytalan	250-980-5050	greg.baytalan@interiorhealth.ca
Sabrina Sandhu	604-675-3846	sabrina.sandhu@vch.ca
Crystal Brown	250-719-6533	crystal.brown@northernhealth.ca
Cole Diplock	250-737-2010	cole.diplock@viha.ca
Sonia Hundal	604-675-3832	sonia.hundal@vch.ca

Registrar	registrar@ciphi.bc.ca	
B.O.C. Member	Gord Stewart	604-918-7561
Webmaster	David Butt	250-428-3605

BC Branch Address

c/o Keir Cordner
 1200-601 West Broadway
 Vancouver, BC V5Z 4C2
 FAX: 604-736-8651

Editorial Team

Associate Editor:

Tim Roark
3301 - 164A Street
Surrey, BC V3S 0G5
Tim.Roark@shaw.ca

Associate Editor

Isher Deol
Vancouver Coastal Health Authority
1200 - 601 West Broadway
Vancouver, BC V5Z 4C2
isher.deol@vch.ca

Editor:

Sarah MacDougall
Northern Health
10115 110 Ave.
Fort St John, BC V1J 6M9
sarah.macdougall@northernhealth.ca

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The views, comments, or positions within the contents 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.

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