



UBC Emeritus College

GENERAL MEETING

Wednesday, March 13

Robert H. Lee Alumni Centre
6163 University Boulevard

(Partners and guests are welcome)

Agenda

- 2:00 pm Business meeting
- 2:15 pm **Simon M. Peacock**, Professor of Earth, Ocean & Atmospheric Sciences
Upper Crust: Earthquakes and Exploding Volcanoes
- 3:30 pm President's Office Annual Wine & cheese reception; display of recent books by UBC Emeriti
- 3:50 pm Recognition of Emeritus College Endowment Fund and its donor
- 4:00 pm President Ono presents President's Award for Distinguished Service by Emeriti



Dr. Peacock's research focuses on understanding the thermal, petrologic, and seismological structure of subduction zones — places on Earth where tectonic plates dive into the Earth's mantle triggering great earthquakes and explosive volcanism. His research integrates numerical heat-transfer models with petrologic models constrained by experiments and natural mineral assemblages in order to gain insight into processes operating at 20 to 700 kilometers depth in the Earth. The resulting integrated thermal-petrologic models are tested against seismological observations of modern subduction zones. In addition to subduction zone studies, Peacock and his students

have conducted research on the thermal evolution of the crust during extension, the distribution of light elements in high-pressure metamorphic rocks, the exhumation and preservation of ultra-high pressure metamorphic rocks, and the origin of eclogite-facies rocks in Antarctica.

Simon Peacock served as Dean of the Faculty of Science at UBC from 2006-2018. As Dean, he focused on advancing disciplinary and interdisciplinary education and research initiatives across the physical, life, and mathematical sciences. Dr. Peacock and his colleagues developed *First Year Seminars in Science*, a small class experience focused on critical scientific thinking and communication skills, which was awarded the 2013 *Alan Blizzard Award* by Canada's *Society for Teaching and Learning in Higher Education*. Dr. Peacock served as President of the Canadian Council of Deans of Science in 2010-11 and is a Fellow of the Geological Society of America. Prior to joining UBC in 2006, Dr. Peacock was Professor of Geology at Arizona State University and served as Divisional Dean of Natural Sciences and Mathematics in the College of Liberal Arts and Sciences, and Chair of the Department of Geological Sciences. Dr. Peacock earned B.S. and M.S. degrees in Geology from MIT (1981) and a Ph.D. in Geology from UCLA (1985). He has taught courses that collectively span most of the geological sciences at the introductory, undergraduate, and advanced graduate levels. He has published more than 50 articles in peer-reviewed journals including *Science*, *Nature*, and the *Journal of Geological Education*.

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Ex-Officio Members

UBCAPE, now the Emeritus College, could not function without the contributions of many past Presidents/Principals who continue to provide their services. They are too numerous to list here, but you can see who they are by visiting <https://www.emeriti.ubc.ca/executive>.

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Emeritus College News

Principal's Report



The 60 members present and voting at the February 20, 2019 General Meeting of the UBC Emeritus College gave unanimous approval to dissolve the UBC Association of Professors Emeriti (UBCAPE) and transfer its assets and accumulated income to the College. While this vote solidified the new Emeritus College - first of its kind in Canada - as a major milestone for Emeritus faculty at UBC and across the country, we will not forget the significance and leadership of UBCAPE. This Association was also the first of its kind in Canada, when founded as an independent association by a handful of like-minded retired faculty in the fall of 1988.

UBCAPE established several foundational programs and successfully advocated for a UBC-administered extended health and (later) dental plan for retired faculty, something that did not exist at the time.

In 2014, UBCAPE negotiated the first Memorandum of Understanding with the Office of the Provost and VP Academic that guaranteed UBCAPE regular meetings with the Provost, provided an office and office manager for UBCAPE, and protected UBC privileges, such as complimentary parking, library, email, and IT services for all emeriti. UBCAPE also that year crafted an MOU with the Alumni Association to provide APE with financial services and campus meeting space.

The infrastructure supports thus gained, together with the UBCAPE negotiated Provost and VP Academic Annual Fund to partially subsidize research expenses of retired faculty, forged the Association's more permanent connection to UBC, and acknowledged the various academic and service contributions of Emeriti to UBC, Canada, and internationally.

At the UBCAPE Annual General Meeting in April 2017, members approved in principle a bid to establish an Emeritus College at UBC. One year later, the UBC Senate (May) and Board (June) approved our document, "Proposal to Establish an Emeritus College at UBC."

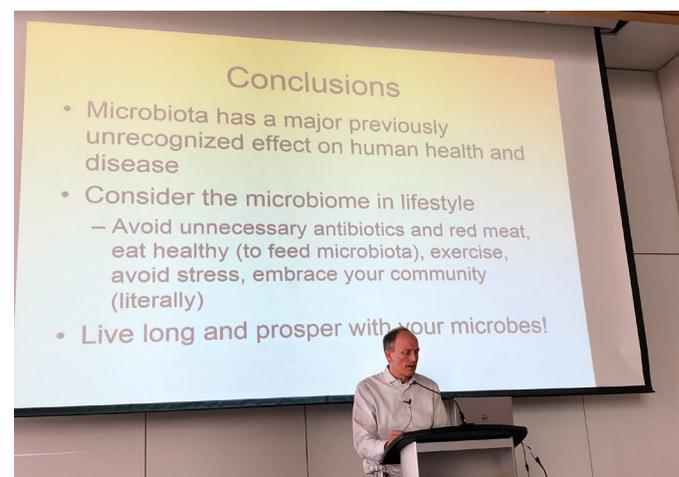
In January 2019, President Ono authorized the UBC Emeritus College Endowment Fund, made possible by the gift earlier of \$50,000 by a UBC emeritus professor and his spouse in support of improving the retirement experience of Emeriti.

Needless to say, our April 2019 symposium to mark the founding of the UBC Emeritus College will celebrate not only the emergence of the College but also the remarkable success of the UBC Association of UBC Professors Emeriti in leading us to where we have landed today.

—Dianne Newell

Brett Finlay: Microbes and Their Effect on Healthy Living and Aging

The speaker at the February 20 meeting, **Dr. Brett Finlay**, presented a fascinating account of his research on the human microbiome to an overflow audience. He explained how the microbiome, containing trillions of microbes in combinations unique to each individual, has previously unrecognized effects on human health and disease, and how it affects the body's development in our early life, and has a major effect as we age. His talk was based on the information in his newly released book (co-authored with his daughter, Jessica), *The Whole-body Microbiome: How to Harness Microbes—Inside and Out—for Lifelong Health*, promoted as "a novel and innovative approach to preventing and treating disease." Dr. Finlay described the microbial commu-



nities of specific body systems (skin, brain, teeth, heart, stomach, intestines, bones and muscles, immune system) and how they impact health and disease. Nine of the top 10 causes of death have microbial contributions. He offered suggestions on how to improve our diets, routines, and lifestyles to enhance health and longevity, possibly even protecting our brains from Alzheimer’s Disease and dementia.



SAVE THE DATE!
SCHOLARSHIP IN THE FUTURE UNIVERSITY
A SYMPOSIUM CELEBRATING THE UBC EMERITUS COLLEGE
APRIL 11-12, 2019

To mark and celebrate the establishment of the **UBC Emeritus College**, the Governing Council is pleased to announce a 1-½ day interdisciplinary symposium—**Scholarship in the Future University**—to be held at UBC’s Liu Centre on April 11 and 12, 2019. Invited speakers and panelists will cover topics including the internationalization of university education; scholarship, World University Rankings, and the changing nature of academic work; First Nations stories, history, and converging lines of evidence about the past; scholarship in the age of populism and the era of “fake news”; interdisciplinary approaches to outer space studies; scholarship in a federal system of higher education; universities and government. Topping off the grand opening event will be a special reception, which will include a toast to the College and a presentation of a commemorative charter for the College by President Ono.

REGISTRATION SITE WILL BE AVAILABLE IN MARCH. WATCH FOR THE ANNOUNCEMENT.





UBC Emeriti at the 2019 Congress of the Social Sciences & Humanities

The new UBC Emeritus College is already stirring interest outside UBC. We have been invited to run an information panel on transitioning to retirement at the forthcoming Congress of the Social Sciences and Humanities, to be held on the UBC Vancouver campus in the first week of June. Speakers will include Carolyn Gilbert, Stephen Tredwell, and Ken Craig; the moderator will be Herbert Rosengarten. The session is to appear in the Congress program under the title “Extending the Academic Lifespan: Staying Connected After Retirement,” and is scheduled for Tuesday, June 4, 2019 in the AMS Nest, room 2306, 8:30 a.m. – 10:00 a.m.

The Congress will also be providing a meeting space/lounge for Professors Emeriti in the Robert H. Lee Alumni Centre for the whole week of Congress, to encourage emeriti to attend the Congress and meet their counterparts from other universities and colleges.

UBC Emeritus College Connects Abroad



College Principal Dianne Newell and Vice-Principal Donald Fisher have been invited to speak on the establishment of the UBC Emeritus College and other subjects at the *European Association of Professors Emeriti International Congress*, to be held in Athens, May 30-June 1, 2019 (for preliminary program see <http://europemeriti.org/home-4-2-3-2/>). The topic of the Athens Congress is “The Capital of Knowledge,” and of the session involving Dianne and Don, “Back to Learning: The Role of Mentoring.”

Senior PhD Students Gathering

On February 15, the College's **Continuing Scholarly Activities Committee** hosted a lunch for several of the 13 UBC PhD students over 65 years of age currently attending UBC. We were hoping to encourage interdisciplinary work and be of any help needed, or refer to an appropriate emeritus as a mentor. We had the lunch with members of the Committee at the Ideas Café. We found the senior trainees to be an amazing group of individuals already doing interdisciplinary work and following their "passion". They appreciated the opportunity to get together and our interest and concern for them. They also had many wise insights about Elders. We plan to have another get together this spring, without a snowfall, so even more of them can attend.

—Judith Hall

Calling all Emeritus Authors for book display at the General Meeting and Wine and Cheese Reception on March 13

At the Wine and Cheese Reception, we will have books written by emeriti since retirement. President Ono will be present at the reception, and we are really looking forward to showing off the things that emeriti do.

Please contact Christina Girardi or Sandra van Ark in the office by emailing: admin@emeriti.ubc.ca or phoning: 604-822-1752 if you have written a book and would like to display it.

We will set up tables for displaying the books and we need to know the number of people who will display their books. Once we receive information about the book, we will contact you with further details.

We would like the following information by Wednesday, March 6.

Title of the book, Author(s): First and last Name, Publisher and Year

Subsidy for Continuing Scholarly Activities

The Emeritus College invites applications for the reimbursement of expenses incurred by Emeriti while conducting Scholarly Activities during the academic year 2018-2019. Remember to save your receipts for research expenses for which you have not been able to be, or have not been, reimbursed. The deadline for submission of receipts is July 15, 2019, but please submit earlier if you have completed the activity before then. Information and forms are available on the Association web site: <https://www.emeriti.ubc.ca/subsidy2019>

If you have questions, please contact Office Manager, Sandra van Ark, admin@emeriti.ubc.ca.

Participants Need for Research on Widowhood

Bonita Nath, a Master's student in the Department of Gerontology, SFU, is conducting a study on mental health and loneliness among widowed older adults to fulfill thesis requirements, and is looking to recruit widowed older adult participants for her study from various settings.

The study aims to thoroughly explore the association between mental health and loneliness among widowed older adults. Mental health challenges such as depression and grief are often unrecognized among older adults, and particularly among those who are widowed. She is hoping to recruit widowed older female and male participants for this study to better understand the mental health challenges older adults experience in bereavement and the role social support may play in helping them adjust to widowhood.

Participation in the study is entirely voluntary. The participants will partake in a short interview in person where they will be asked questions on their experiences of widowhood to help better understand the impact of widowhood among older women and men. All information collected from participants will be confidential. The interviews will be conducted in one sitting and will last 1-1.5 hours. The interviews can be conducted at the participants' preferred location. As a small token of appreciation, all participants will receive a \$5 Tim Hortons gift card. This study has been approved by SFU's ethics board. The study is supervised by Dr. Andrew Wister, Gerontology, SFU.

Contact Ms. Nath at 778 809-5987 OR bnath@sfu.ca.

The UBC Emeritus College: What's in a Name?

Some emeriti have contacted our office to ask why we are called an 'emeritus college' rather than an 'emeriti college'. This short essay is an attempt to address that query. It's a story about 'loan words' in English, words that have entered the English language from another language and, without much translation, become part of our everyday usage. English, like many other languages, has a huge inventory of loan words, some of them more recognizable as such than others; consider the relative 'foreignness' of, for example, *umbrella*, *faux pas*, *kitschy*, *alter ego*, and *modus operandi*. When a word from one language enters a different language, it tends to be used at first with the same grammatical markers it has in its language of origin, for example retaining gender marking or written with capitalization, such as *Weltschmerz* and *das Schadenfreude* are in English.



We all recognize *emeritus* as a word of Latin origin. When used as a Latin-style adjective, it is in postnominal position and inflected for gender and number: professor *emeritus* (masc. sing.)/professor *emerita* (fem. sing.) /professors *emeriti* (masc. pl.)/professors *emeritae* (fem. pl.). Latin adjectives can be used without the nouns they modify, and this happens in English, too; see the use of *emeriti* in the first sentence of this essay. In Latin (and many other languages), when the term refers to both males and females, the masculine form is inclusive of both. This is not sexism; it's an historical fact about languages and illustrates the difference between 'natural gender' and 'grammatical gender'. (Consider the fact that *sun* is masculine in French and *moon* is feminine, while the converse is true in German, and in German the girl is neuter gendered *das Mädchen*.)

When a word has been in the language a long time, its foreign origins are less obvious, and it starts to behave like (in our case) an English word, for example, *alter ego*, first seen in English in 1537, and *umbrella* (1611). Professor comes from Latin, too (with *profess* first seen in English in the mid 1300s), but our members have not queried why we use this masculine form to refer to both women and men. *Emeritus* is a bit odd, because it seems to be in a transition phase, sometimes used in a Latin manner, such as Professor *Emerita* (used exclusively in titles, more like a compound noun), and sometimes in an English way, such as *emeritus* professor. In the latter situation, *emeritus* has become an English adjective (and is listed as such in dictionaries); its sentence position, like that of other English adjectives, is prenominal (*emeritus* professors) and, like other English adjectives, it does not inflect for gender, number, or case—hence, *UBC Emeritus College*.

The above explanation is demonstrated in the *Corpus of Contemporary American English* (a 560 million-word corpus from 1990–2015), which reports the number of instances of the forms in its database: *emeritus*–1,880 (93% of instances); *emeriti*–111; *emerita*–26; *emeritae*–0. The *Strathy Corpus of Canadian English* (50 million words) counts 114 instances of *emeritus* and 5 of *emerita*, with no instances of *emeriti* or *emeritae*. The MS Word spell checker flags *emeritae* as a spelling error.

Note: The derivation of emeritus is 'e-' means 'out', and '-meritus' refers to paid service, thus 'out of paid service'. Professor Emeritus Olav Slaymaker suggests that it is 'e' = 'out' and '-meritus' = 'merit'; thus, 'emeritus' means 'out of merit increases'.

—Carolyn Gilbert



Invitation from CURAC (College & University Retirees Associations of Canada)

CURAC and the University of Guelph Retirees Association (UGRA) are looking forward to welcoming you to the 2019 conference from May 22-24. Check out the conference website today for program details, accommodation and registration.

<https://ugra.ca/curac/conference>

Emeritus College Activity Groups

Emeritus College Film Group

Series Eight – China: Ancient and Modern



China has a long and substantial history of filmmaking, ranging across both popular and art film forms. Film production has developed distinctly in three areas of the region: Taiwan, Hong Kong and mainland China, but themes and styles overlap among the three. The Hong Kong film industry is known for its martial arts action films, but many prominent directors from other areas of the region have tried their hand at this quintessentially Chinese genre, including, recently, Taiwan art film master Hou Hsiao-Hsien, often regarded as one of the greatest contemporary filmmakers. In contrast, underrated Hong Kong filmmaker Ann Hui has focused on the ordinary lives of Hong Kong residents, although she has recently turned to historical epics. Coming from the more remote northern China region of Shanxi, Jia Zhang-ke has become an internationally lauded director, focusing on social critique of China’s rapidly advancing modernity.



The last film in Series Eight will be shown on **March 26. The World** (2005), by Jia Zhang-ke, examines the rapid modernization of China, using an actual Beijing suburb theme park (known as *The World* and featuring miniatures of famous world buildings) as the setting for the lives of various contemporary Chinese young people arriving in the cities from the provinces and caught up in emerging modern China. The glittering theme park contrasts with the largely impoverished lives of its workers, revealing the huge gap between Chinese aspirations and reality.

Room 335, Henry Angus Building, 2053 Main Mall

Screenings begin at 2:00 pm

Presented by John LeBlanc

*A brief introduction to the film will precede each screening
A brief discussion of the film will follow each screening*

Photography Group

The next photo group meeting is on March 1st at 3 pm in Henry Angus (Sauder) building, room HA135. Brian Bemmels will give us a demonstration and talk on macro photography.



The group welcomes new members. To get on the mailing list for meeting announcements, please contact Derek Applegarth: derek.jenny@shaw.ca.

Travel Group

On February 21, **Judith Hall** made an enthusiastic presentation about traveling on the Rocky Mountaineer.



On March 21 (Polygon Homes Classroom 224 in the Alumni Centre) **Carolyn Gilbert** will describe a trip to Sicily, and on April 18 (Barber Learning Centre, 461) **Joel Oger’s** topic will be Syria. All meetings start at 3pm.

Members and their partners, together with guests, are welcome at all Travel Group meetings. Contact Richard Spencer at richard@rhspencer.ca if you would like to be added to our email list.

Emeritus College Speakers' Programs

Philosophers' Café

Friday, March 22: *"Should the punishment fit the crime?"*

The Canadian government is being pressured to change the laws about solitary confinement in our prisons, but that isn't the only issue for debate about our prison system. Should we be putting people with mental illness in prison? Should we be leaning more towards "restorative justice"? And, with the SNC-Lavalin case in the news, should we allow big corporations to make "negotiated settlements" instead of facing criminal prosecution?



All Cafés are in the Tapestry classroom, 3338 Wesbrook Mall, starting at 10:30 am. After the Café join us for lunch at Tapestry by calling 604-225-5000 or by checking in with the front desk before the Café to reserve a spot.

Lecture Series: My Health, My Responsibility



On February 6, Assoc. Professor **Lorienne Jenstad**, School of Audiology and Speech Sciences, presented "Hearing Health: How We Hear and What Happens When We Don't" to a capacity audience of emeriti. She began by pointing out that many people are unaware of their hearing loss, its severity, and its effect on people around them. Hearing loss is the 3rd most common chronic disability among older adults. Only arthritis and heart disease are more common. The incidence of hearing loss among Canadians—20% from age 50-59, 38% from age 60-69, 65% from age 70-79.

About 80% of people who could benefit from hearing aids do not own them; aids in both ears are better than one for hearing and determining where sounds are coming from. It takes the brain time to adjust to hearing aids, particularly if a hearing loss has gone uncorrected for some time.

Safety may be compromised with hearing loss as the possibility of an accident increases by not hearing alarms, warning bells, doorbells, and telephones. Age-related changes in vision can make communication difficulties associated with hearing loss even worse. Hearing loss is sometimes mistaken for dementia and depression. On the other hand, research shows that, compared to those with unmanaged hearing loss, hearing aid users have better mood and overall health, better self-sufficiency, and less anxiety and depression.

She also spoke about what is known about preventing hearing loss, recognizing the early signs of hearing loss, and steps in seeking hearing health, including which professionals to see and what types of services they can provide. These services include hearing tests, hearing aids, alternatives to hearing aids, and counselling about good communication strategies. She described some of the latest hearing aid technology and mentioned sources of funding available to help with the cost of hearing health. Audience members were reassured to learn that hearing specialists—hearing instrument specialists and audiologists—must be members of the College of Speech and Hearing Professionals of British Columbia in order to practice in the province. All clinics must also give the client a minimum 30-day trial with hearing aids. On the downside, she pointed out that hearing aids typically must be replaced every 3–5 years and that there is no relief in sight for the cost of hearing aids, whose prices range upwards from \$3,000 each, for those whose insurance plans do not cover them.

For those who already have a significant hearing loss, Dr. Jenstad has offered to provide an information session about a variety of hearing assistance devices. If you would like to attend such a session, please contact Carolyn Gilbert: carolyn.gilbert@ubc.ca.

Senior Scholars' Series: The Passions that Drive Academic Life

The Final Senior Scholar Speakers for 2018-19

February 14: Joanne Weinberg, Cellular and Physiological Sciences

From Basic Science to Clinical Research: A Neuroscientist's Journey



After teaching high school biology for several years, Joanne Weinberg entered a PhD program in Neuroscience as the oldest student in the class. Research opportunities and fortuitous connections with people along her path led her from basic studies on the effects of early life experience and stress on brain and biological development to a focus on the adverse effects of prenatal exposure to alcohol, utilizing rodent models to examine alcohol's impact from the prenatal period through adulthood. Her latest research, part of the NIH Collaborative Initiative on Fetal Alcohol Spectrum Disorder (CIFASD), investigates alcohol-induced effects on immune profiles of pregnant women and on immune function and health of children across the lifespan, a critical but understudied area in the FASD field.

The Feb. 14 talk was postponed because of weather conditions. New time TBA

March 14: John O'Brian, Art History, Visual Arts and Theory

How to Photograph an Atomic Bomb



John O'Brian was born into a military family in England during the Second World War, shortly before the atomic bomb was dropped on Hiroshima and Nagasaki. Those alive at the time of the bombings were the first generation exposed to the possibility of doomsday. The philosopher Hannah Arendt has suggested that this generation may be psychologically disposed to return to sites of nuclear catastrophe. It took John O'Brian more than half a century to make the return, and he almost failed to get there. After studying economics as an undergraduate, and becoming an investment banker, he eventually left the world of finance to investigate relationships between art and capital as a graduate student in art history at Harvard. It was only after 9/11, when he began work on the role of photography in shaping a public image of the atomic bomb, that he found himself confronting the catastrophe of Hiroshima and Nagasaki.

*This series is co-sponsored by UBC Emeritus College and Green College
and organized by Emeritus Professor John Gilbert.*

All talks begin at 5:00 pm in the Green College Coachhouse. For more information: www.green-college.ubc.ca or GC.events@ubc.ca

Come at 4:30 for tea and coffee in the Green College Piano Room and stay for refreshments after the talks. To stay for dinner, tickets can be purchased through the Green College Office—604-822-8660.

Celebrating Emeritus Research

The Scholarship Underlying Eye-catching Stories

Our **Celebration of Emeriti Research Day**, January 24th, 2019, the first under the aegis of the Emeritus College, was a resounding success. Three eminent, but diverse, scholars, **Bernie Shizgal**, **Joost Blom** and **Hector Williams**, contributed to a program masterfully crafted by **Peter Suedfeld** who has organized the event for the past five years. The Peter Wall Institute for Advanced Studies kindly co-sponsored the event. Following a delicious lunch, the presentations featured research accomplished since retirement.

Bernie Shizgal has been a theoretical chemist in the UBC Chemistry Department since 1970. From 1980 to 1990, he held a joint appointment with the former Department of Geophysics and Astronomy and then became an Associate Member of the Department of Physics (1990-1995). He has been Professor Emeritus in Chemistry since 2003 and continues an active interdisciplinary research program in nonequilibrium statistical mechanics with applications to reactive systems and the escape of planetary atmospheres. He has also developed numerical methods for the solution of problems in kinetic theory and quantum mechanics as described in his book, *Spectral Methods in Chemistry and Physics* (Springer, 2015).

Bernie spoke to the theme, "The Use and Abuse of Entropy in Science and Life; Controversies in Space Physics". We realized there would be some "tongue in cheek" elements to the talk when Bernie introduced it as "kind of simple basic stuff", put together for a very diverse group. Entropy was described as a much misused term, for example, in reference to stock market volatility, biological aging, political systems, economic processes, or global climate systems—virtually anything capable of devolving to a state of chaos. In contrast, engineers, physicists, chemists and mathematicians have contributed to an evolving understanding in formal definitions, with the challenge for many of us arising from their expression in mathematical terms. Bernie provided an entertaining account of transformations in the concept, which has ancient origins, from the work of the inventor of the steam engine, James Watt (1736-1819), through the beginning of thermodynamics with Nicolas Léonard Sadi Carnot (1796-1832), who addressed

how to improve the efficiency of steam engines, then on to numerous giants of physics and chemistry. He mixed humour, profound observation and sometimes elusive concepts, couched in mathematical precision. We were often told this is "very simple", "couldn't be simpler", "not very difficult". I'm sure that was the case for others in the audience. The past 25 years in thermodynamics and statistical physics, have been highly dynamic and exciting, with a major focus on Constantinos Tsallis, a Brazilian physicist, who proved a maverick, contradicting the accepted and conventional understanding and proposing a new definition of entropy. This led to exponential growth of scholarly interest in the field and much controversy ("Tsallis is wrong!" as Bernie put it). Perhaps most interesting to the non-physicists in the audience were illustrations of the implications of the models for real processes often seen as mysterious, e.g., solar winds, the sun's surface, aurora borealis, satellite observation of different elements in the earth's atmosphere. Bernie notes these are the catchy technological advances which receive much press, not the hard science behind it. Nevertheless, he acknowledges the ongoing controversies "might keep me alive a bit longer".

On to **Joost Blom**, who joined the Allard School of Law in 1972, served as Associate Dean 1982-85, and as Dean 1997-2003. He became Professor Emeritus on his retirement in 2017, but continues to teach at the law school part-time. He received the Faculty of Law Teaching Excellence Award 2005.

Joost addressed the topic: "Suing Canadian companies in Canada for human rights abuses that are committed by their foreign subsidiaries". The first half of the talk provided some foundation regarding the law necessary to understand suits presently underway in which Canadian companies, particularly those in mining, seem to be doing harm to employees or residents in other countries. Given that the legal systems and resources tend to be weaker in these countries, suits in Canada seem the more attractive option, even if events took place elsewhere and the parent company was not directly responsible. If one can sue in Canada, which law applies, that of Canada, the foreign country or international law? Then one would ask, would judgements in foreign jurisdictions apply in Canada? This gets complex, with this writer proclaiming a considerable risk of errors

in the following. Three major branches of the law become involved: Private International Law, concerning how countries deal with cases with foreign elements; Corporate Law, with corporations artificial legal persons, distinct from their shareholders who are not legally answerable for the liabilities of the corporation; and Tort Law, addressing non-contractual civil wrong, for example, wrongs involving personal

injury or property damage as a result of negligence. Interestingly, crimes must be tried where they are committed, but civil wrongs can be tried where the company is located. As might be expected, countries vary in the laws relating to these branches of law, only adding to the complexity. As well, complex procedural law applies, allowing, for example, argument concerning whether the facts support the action or whether the case is suited to the territorial jurisdiction of the court. Beyond the law are questions concerning corporate social responsibility, translated here to whether the corporation acted in an economic, social and environmentally sustainable manner. While corporations may endorse principles of this type, they represent best practices, not law, and corporate management is responsible only to shareholders, not creditors, employees or the community. These issues apply to three cases currently active in the courts. Their complexity means they cannot be described here, but the curious reader can easily find fascinating information on the web concerning: *Araya v Nevsun Resources*, *Bisha Mine in Eritrea* and *Das v George Weston Ltd*.

Finally, **Hector Williams** provided a fascinating talk titled, "Goddesses, Whores, Vampyres and Archaeologists: excavating ancient Mytilene (Lesbos)." Hector taught at UBC from 1970-2015 and still has a graduate student or two as well as archeological projects at Mytilene and Stymphalos in Greece. He has worked in the eastern Mediterranean since 1965. With his wife, Caroline, he also excavated for ten seasons at Anemurium on the south coast of Turkey. He started major work in Greece while director of the Canadian Archaeological Institute at Athens from 1981-4. Hector's lavishly illustrated talk presented the major results of thirty years of



From left: Hector Williams, Joost Blom & Bernie Shizgal

excavation and study at the UBC project in the castle and at the North Harbour of one of ancient Greece's largest cities. Home of the late 7th c. BC poets Sappho and Alkaios, Mytilene on the Aegean island of Lesbos, not far from Turkey, had never received detailed archaeological study previously. We were treated to accounts of the site ranging from ancient Greece to Roman times to destruction of the area in earthquakes. The island castle and nearby beaches provided

rich sites for trenches that provided artifacts significant to the women's mystery cult of Demeter, largely associated with the harvest. The artifacts, animal bones, terra cotta lamps and figurines, lead to tales of lesbian wine, burned animal sacrifices on alters, stories of Greek gods and fertility goddesses. Lead curse tablets, ca. 300 BC, suggest black magic and astrology, suggesting practices contrary to suppositions of ancient Greek rationalism. Hector also provided evidence of a cult of Dionysius. Membership in cults was associated with the happy life. Illustrations on amphora and cups included erotica and Hercules rescuing somebody from the underworld. Perhaps less dramatic are contributions to scholarly understanding, for example, historical chronology, technology, export patterns, etc. Roman artifacts indicated the time of Augustus and Julius Caesar and gladiators fighting in amphitheatres, as well as massive cultural upheaval in the eastern Mediterranean. A skeleton was unearthed with 20 cm. spikes embedded in it evoking thoughts of a Bram Stoker Dracula. Digs in what probably had been a tavern yielded drinking cups, gambling bones, women's bone hair pins, and suggestions of pornography. One's imagination was provoked by these stories and their illustrations.

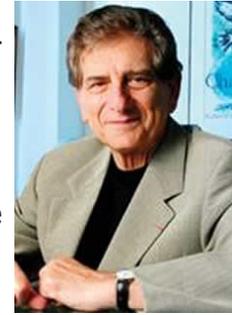
All in all, these were fascinating talks. It is intriguing that from ancient through colonial to modern times there are eye-catching dramatic stories that are better understood through the depth of scholarship provided by our colleagues.

—Ken Craig

Emeritus Awards



Victor Gomel, Professor Emeritus of Obstetrics and Gynecology, received two major awards during 2018—from the National Medical Research Center for Obstetrics and Gynecology and Perinatology of the Russian Federation, *Professor Honoris Causa*; and from the Government of Cameroon from the Prime Minister, *The Valor Award*. This is like the Legion d’Honneur in France.



Marcia Boyd, Professor Emerita of Oral Health Sciences, has received the *Distinguished Alumni Award*, the highest honour for lifetime achievement from the University of Alberta Alumni Association. Boyd has played a key role in shaping the future of dentistry as Professor and Dean of Dentistry at UBC, and as President of the American College of Dentists, the first woman (and second Canadian) to hold that position. She has also spoken internationally and chaired task forces that have improved dental education, accreditation and ethical practices in Canada and the U.S.



Emeritus Professors **Stephen Drance** (Ophthalmology) and **Juhn Wada** (Psychiatry and Neurosciences) have been inducted into the *Hall of Honour* at Vancouver General Hospital.

Professors Emeriti **Martin Barlow**, **George Bluman** and **David Boyd** are three of the 49 inaugural Fellows of the *Canadian Mathematical Society*. The Fellowship recognises CMS members who have made excellent contributions to mathematical research, teaching, or exposition; as well as having distinguished themselves in service to Canada’s mathematical community.

Professor Emerita **Elizabeth Dean** (Medicine) was the recipient of the 2019 Linda Crane Memorial Lecture Award at the American Physical Therapy Association Combined Sections Meetings, convened in Washington, DC in late January. Her address was titled "Health Competencies: The C.R.A.N.E. Px."

Professor Dean (far right) pictured with Professor Donna Frownfelter (left) and Christiane Perme (centre), colleagues who nominated her for the award.



In January, the title *Prācya-pratīcya-vidyā-vācaspati*, roughly meaning 'D.Litt.-level exponent of oriental and occidental learning' was conferred on **Ashok Aklujkar** (Asian Studies) at Udupi, Karnataka, India, in the first ever convention of the *Bhāratīya-vidvat-parisad*, an electronic forum of Indologists, with over a thousand members, that has been active over the last ten years.

The Indian Council of Cultural Relations will honour him with the "ICCR World Sanskrit Award-2018" in New Delhi in March 2019, at the hands of Mrs. Sushma Swaraj, India’s Minister of External Affairs.



Rabab Ward (Electrical and Computer Engineering) has received a 2018 Best Paper Award from the Institute of Electrical and Electronics Engineers (IEEE) Signal Processing Society. She shares the honour with her co-authors at Microsoft Research, including Hamid Palangi, her former doctoral student and the paper's lead author.

The award recognizes papers of "exceptional merit" published in Society-related journals during the previous five years on the basis of their "general quality, originality, subject matter, and timeliness."

She has also been elected to the IEEE Board of Directors as Director (Division 9) of the IEEE, the largest professional society in the world with 420,000 members.

Recent Publications by Emeriti

George Bluman (Mathematics)

Bluman, George W., Mrani-Zentar, Omar, Finlay, Deshin, "Composition of Lie group elements from basis Lie algebra elements." *J. Nonlinear Math. Phys.* 25 (2018), 528-557.

Julian Davies (Microbiology)

Peng Gao, Pak Leung Ho, Bingpeng Yan, Kong Hung Sze, **Julian Davies** and Richard Yi Tsun Kao. "Suppression of Staphylococcus aureus virulence by a small-molecule compound"; PNAS <https://doi.org/10.1073/pnas.1720520115> (July 2018).

Brian Lentle & Jerilynn Prior (Radiology)

Brian Lentle, Fjorda Koromani, Jacques Brown, Ling Oei, Leanne Ward, David Goltzman, Fernando Rivadeneira, William D. Leslie, Linda Probyn, **Jerilynn Prior**, Ian Hammond, Angela Cheung, and Edwin Oei, "The Radiology of Osteoporotic Vertebral Fractures Revisited," *Journal of Bone and Mineral Research* (in press), <https://doi.org/10.1002/jbmr.3669>.

Christian Naus (Cellular & Physiological Sciences)

Mesnil M., Q. Aftab, E. Ojefua, A. Poole, J. Noordenbos, P-O. Strale, C. Sitko, C. Le, N. Stoynov, L.J. Foster, W.-C. Sin, **C.C. Naus** and V.C. Chen "Cx43-associated secretome and interactome reveal synergistic mechanisms for glioma migration and MMP3 activation." *Front. Neurosci.* 13:143 (2019). <https://doi.org/10.3389/fnins.2019.00143>.

Y. Kajiwara, E. Wang, M. Wang, W.C Sin, K. Brenand, E. Schadt, **C.C. Naus**, J. Buxbaum, B. Zhang. "Functional validation of GJA1 as a master regulator of pathogenesis in Alzheimer's disease," *Acta Neuropathologica Communications*, 6(1):144 (2018).

Freitas-Andrade, M., N. Wang, J. Bechberger, P. Lampe, L. Leybaert, and **C.C. Naus**, "Targeting MAPK phosphorylation of Connexin43 provides neuroprotection in stroke." *Journal of Experimental Medicine*, in press.

Bernie Shizgal (Chemistry)

Lucas Philipp and **Bernie Shizgal**, "A Pseudospectral solution of a bistable Fokker-Planck equation that models protein folding," *Physica A*, 522 (2019) 158-166.

Jiayi Bao and **Bernie Shizgal**, "Pseudospectral method of solution of the Schrödinger equation for the Kratzer and pseudoharmonic potentials with nonclassical polynomials and applications to realistic diatom potentials." *Computational and Theoretical Chemistry*, 1149 (2019) 49-56.

Hennie J. J. van Vuuren (Land & Food Systems)

Michael J. Roach, Daniel L. Johnson, Joerg Bohlmann, **Hennie J. J. van Vuuren**, Steven J. M. Jones, Isak S. Pretorius, Simon A. Schmidt, Anthony R. Borneman, "Population sequencing reveals clonal diversity and ancestral inbreeding in the grapevine cultivar Chardonnay," *PLOS Genetics*, November 20, 2018, <https://doi.org/10.1371/journal.pgen.1007807>.

Richard Unger (History)

"The Brewing Industry and Governments in the Low Countries from the sixteenth to the nineteenth centuries," *Entrepreneurs, Institutions and Government Intervention in Europe [13th-20th centuries]* *Essays in Honour of Erik Aerts*, Brecht Dewilde and Johan Poukens, eds., Brussels: Academic and Scientific Publishers NV, 2018, 177-187.

"Conclusion: accounting, money and mercantilism in European exchange, 1500-1900," *Mercantilism, Account Keeping and the Periphery-Core Relationship*, Cheryl Susan McWatters, ed.. London: Routledge, 2018, 180-194.

"The Brewing Boom of the Middle Ages," *Seeing the Woods, A Blog of the Rachel Carson Center for Environment and Society*, posted 14 March, 2018, <https://seeingthewoods.org/2018/03/14/the-taproom-richard-unger/>

William Ziemia (Sauder School)

Exotic Betting at the Racetrack, World Scientific Series in Finance, Vol. 15 (2019) <https://www.worldscientific.com/worldscibooks/10.1142/11226>.

"What are they up to now?" Department



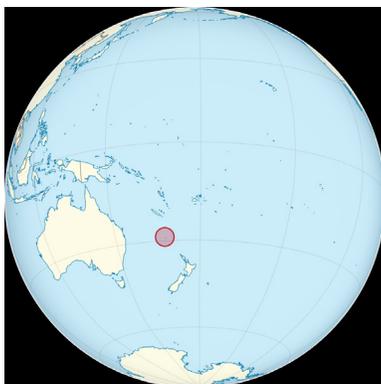
Jess Brewer (Physics & Astronomy) is enjoying retirement on Vancouver Island where he has taught two courses in the "Elder College" of Vancouver Island University—" Physics, Poetry & Philosophy" and "What Will the Future Be Like." The latter continued as monthly meetings of the Oceanside Futurological Congress, an informal get-together over coffee in the Board Room of the Qualicum Beach grocery store. In addition, he set a new indoor M70 record for the 60 m hurdles last February at the Harry Jerome indoor meet in Richmond and won both hurdles events in the 2018 Canadian National Masters Track & Field championships in South Surrey.

Francis Ho Clinical Professor Emeritus (Medicine) has been President of the *Canadian Liver Foundation* since 2013. During that



time they were able to raise over 3 million dollar for liver research and provide education to the public about liver diseases. The foundation will be holding a Health Forum on April 27, 2019 at Glad Tidings Church. They expect 800 to 1,000 attendees.

The work of **F. Graeme Chalmers** (Curriculum Studies) is recognized in a new book from Brill. *Art, Culture and Pedagogy: Revisiting the Work of F. Graeme Chalmers*, edited by Dustin Garnet and Anita Sinner, holds timeless wisdom, articulating Graeme's deep respect for cultural pluralism, his passionate embrace of inclusivity and diversity, and his dedication to social justice issues – all issues of compelling urgency today. His distinguished international leadership and his pioneering ideas continue to be adopted, engaged, and applied at all levels of art education.



Ray Hall (Theatre & Film) was recently on the small (8,500 acre) island in the South Pacific where he was born, Norfolk Island. Ray reports: *I was more than surprised when the leader of a group of young women who perform Tahitian dances, told me that the video I made for them in 2017 had raised \$40,000—money they used to pay for travel to festivals around the Pacific. Now Norfolk is 5,000 kms to the west of Tahiti; the connection between the two Islands being the resettlement of the descendants of the Bounty mutineers and their Tahitian wives on Norfolk in 1856. We had a grand musical evening while we were there, with the women singing songs of Norfolk and Tahiti.*

Garfield (Gary) Pennington (Education): *I have been working with children at Lord Roberts Elementary School in Vancouver's densely populated West End where I first went to school some 77 years ago. Not common for an octogenarian going back to his alma mater to work in these ways, particularly in view of the fact that it took him 9 years to get through the normal 8 year program, having failed grade four.*

This is but one example of the kinds of work I am doing to re-engage the notion of heritage play in our youth, which is much at risk in our post-modern, high-tech world. If we elders do not reintroduce these time honored play forms and activities to today's young, a big part of our precious heritage will be lost.

(Right: A shot of kids at Lord Robert's doing what children have done throughout history, but is generally prohibited today.)



Around Campus & Off



The **UBC Faculty Women's Club** invites the UBC Emeritus College and their spouses/partners to attend our speaker series. Men are more than

welcome to attend. The next event will be:

Tuesday, March 5th, 2019

11:00 am - Luncheon

11:30 am - Round Table Discussions on Club Awards

12:00-1:00 pm - Speaker:
Herbert Rosengarten, Professor Emeritus
Topic - *Changing Times, Changing Values, Changing Expectations*

Where: University Golf Club

<http://facultywomensclub.ubc.ca/speakers/>

International Women's Day Event

The Last Suffragist Standing

Friday, March 8 | 5:30-8:30 pm
University Women's Club
1489 McRae Avenue

Veronica Strong-Boag (Emerita, Educational Studies) will deliver the keynote address speaking about Laura Marshall Jamieson, a pioneering suffragist and politician, the subject of her latest book.

Members \$35 | Non-Members \$40 (plus GST)
5:30 pm Social
6:00 pm Buffet Dinner
7:15 pm Program

Register by March 4 at uwc.vancouver.ca

ENCHOR & Victoria's LINDEN SINGERS present

Saturday March 30, 7:30 pm
Pacific Spirit United Church
45th Avenue & Yew Street

Tickets \$25
(18 & under free)
www.ensor.ca/concerts
(all charges included)
or from choir members
or at the door

ensor.ca

lindensingers.com

EnChor Choir will perform at the Emeritus College meeting on April 17. Four UBC Emeriti sing with EnChor—Donald Blake (Political Science), Larry Burr (Medicine), Pete Chamberlain (Political Science), and Tony Podlecki (Classics).

EnChor's Artistic Director, Morna Edmundson, is the daughter of UBCAPE stalwart Don Russell.



March 5: Michael Byers, Political Science, UBC, SPACE FORCE? SECURITY AND COOPERATION IN THE ARCTIC AND SPACE

March 12: Robert Gibbs, Professor of Philosophy and Religion University of Toronto, HOW WILL WE STUDY? (*Note: this event requires pre-registration.*)

March 19: Michael Byers, Political Science, UBC, LOOK UP! CANADA AS AN ARCTIC AND SPACE NATION

March 26: Elin Kelsey, writer and environmentalist, IF TREES FIGHT CRIME AND WHALES COMBAT CLIMATE CHANGE, HOW CAN WE AMPLIFY THE CAPACITY OF OTHER SPECIES TO DO GOOD?

March 27: Matt Mikkelsen, audio engineer and filmmaker, ONE SQUARE INCH OF SILENCE: PRESERVING AND RECORDING THE SOUNDS OF THE RAINFOREST

*All talks in Green College Coach House
5-6:30 pm*

Vancouver Institute Lectures



March 2: Professor Maxwell A. Cameron, Director, Centre for the Study of Democratic Institutions, UBC, CIVILITY AND PARTISANSHIP: HOW WE CAN TRAIN FUTURE POLITICIANS

March 9: Professor Taylor Owen, Beaverbrook Chair in Media, Ethics and Communication, Max Bell School of Public Policy, McGill University, WHAT'S BEHIND THE TECHLASH? HOW SILICON VALLEY WENT FROM DISRUPTIVE INNOVATION TO UNDERMINING DEMOCRACY

March 16: Ms. Carol Off, Award winning writer and journalist Host of As It Happens, CBC Radio, AN EVENING WITH CAROL OFF

March 23: Dr. Elin Kelsey, Educator and award-winning author, Department of Environment and Sustainability, Royal Roads University, A CURE FOR ENVIRONMENTAL DOOM AND GLOOM

March 30: Professor Kelly Oliver, W. Alton Jones Professor of Philosophy, Vanderbilt University, HUNTING GIRLS: SEXUAL VIOLENCE FROM THE HUNGER GAMES TO CAMPUS RAPE

All lectures
take place in IRC 2 at 8:15 pm.

UBC School of Music Wednesday Noon Hour Concerts 12:00 pm, Barnett Hall Admission \$5

Mar 6: *BRAZZ*, Vancouver's new large brass jazz ensemble. A unique combo of brass that will blow you away! Trumpets, French horns, trombones, euphonium and tuba with rhythm section. New arrangements of works by Monk, Nelson, Hagen, Lennon/McCartney, Arlen, Mingus, Stride and more

Mar 13: *REConnected*, Daniel Tones (percussion), Owen Underhill (piano), Rzewski *To the Earth for speaker and flower pots*, Owen Underhill *A/Symmetry Ritual*, Linda Catlin Smith *Invisible Cities for solo vibraphone*, Javier Alvarez *Temazcal for maracas and digital audio*

March 20: McGregor-Verdejo Duo, *Toward the Sea – Celebrating Pacific Rim Connections*, Mark Takeshi McGregor (flute) & Adrian Verdejo (guitar): Takemitsu *Toward the Sea*, Baca-Lobera *Dúo I*, Morlock *Verdigris*, Piazzolla *Histoire du Tango*

March 27: David Brown (bass) & Jeremy Berkman (trombone), *Friends in Low Places*, Elgar's wedding gift duet to a friend and more

April 3: UBC Gamelan Ensemble. *Note: this concert is free. It takes place in Barnett Hall or on the plaza, if sunny.*

Calling All Editors – A Request from the Principal

Our venerable and valued College Newsletter Editor, Donald Blake (Political Science Emeritus), will be retiring from his post at the end of the academic term. He has generously agreed to help the new editor(s) and the College staff, who will be undertaking the actual production work. Please indicate your interest in being involved with the Newsletter and/or the Communications Committee to the College staff: admin@emeriti.ubc.ca.

