IMPRESSIONS
Dear Colleagues,
Welcome to the fall 2015 issue of UBC Faculty of Dentistry’s Impressions.

Just as our 50th anniversary year has drawn to a close, the University of British Columbia is set to mark its centennial year beginning in September 2015. Fifty years ago, the Faculty of Dentistry opened its dental clinic on campus, and this September, we are opening the new Graduate Specialty Clinic. This seems a fitting transition into our next 50 years! We look forward to showcasing this outstanding new clinic space to the UBC community and beyond. For a preview, turn to page 4 in this issue of Impressions.

In this issue we also have an article on the Frontier Clinical Research Centre (FCRC). Dr. Alan Lowe, the FCRC director, has been actively increasing the clinical research productivity, and there are currently many research projects funded by grants from external sources. Clinical research plays a major role in the translation of basic research into clinical applications that will ultimately benefit patients. Several UBC Dentistry faculty members have developed active projects in FCRC, and we look forward to the results of their studies.

The Summer Student Practitioner Program (SSPP)—the result of collaboration between the College of Dental Surgeons of BC, British Columbia Dental Association and Canadian Dental Services Plan Inc., with the UBC Faculty of Dentistry—has continued to grow. In the summer of 2015, more than 75 percent of the third-year students who were promoted to fourth year experienced an SSPP placement. Participating students return to school with greater confidence that they can succeed in dental practice. The experience provides critical insight into dental practice opportunities away from the Lower Mainland and can result in students becoming associates in their SSPP offices—a win-win situation. We are continually seeking additional SSPP mentors. If after reading the article on page 18 your interest in mentoring is piqued, please let us know.

Our newest graduate program in dental public health is combined with a Master in Public Health degree from the UBC School of Population and Public Health. Dr. Mario Brondani was tireless in his efforts to have this program approved by the university. The program will emphasize the oral health needs of patients who have difficulty accessing dental treatment and will generate research toward understanding the barriers to care for these patient groups. In the future, this research should lead to policy changes that ensure all patients receive the care they need.

Our students remain passionate about the oral health needs of the underserved, and this issue of Impressions highlights many of the extracurricular clinical activities that occur both in Canada and elsewhere in the world. UBC Dentistry undergraduate students have an exemplary level of social responsibility, and our graduates continue to demonstrate this commitment.

The Nobel Biocare Oral Health Centre (NBOHC) will be 10 years old in January 2016. It is hard to imagine that a decade has passed since this still-remarkable facility opened. We are planning to celebrate the 10-year anniversary of NBOHC, and I hope all those who contributed to the project will be able to participate. Philanthropy remains an important source of support for the Faculty of Dentistry. Read about several of our alumni who are long-term donors and have a look at the “Donor Honour Roll” of all those who have contributed to UBC Dentistry.

The faculty, staff and students of UBC Dentistry remain committed to our strategic goals, as the many activities covered in this Impressions illustrate. The beginning of the next 50 years of UBC Dentistry is an exciting time, with incredible potential—as is the dawning of UBC’s second 100 years. We hope that all of you are as excited about our future as we are.

All the best,

Charles Shuler, DMD, PhD
Dean and Professor, Faculty of Dentistry
The Centre for High-Throughput Phenogenomics (CHTP) added two new high-powered microscopes to its suite of imaging technologies: an Olympus LEXT OLS3100 laser scanning confocal microscope and a Hitachi SU3500 scanning electron microscope.

The Olympus LEXT—acquired through a sharing agreement with UBC’s Centre for Drug Research and Development—differs from the CHTP’s existing light microscopy equipment, which is designed for biological samples. The Olympus is specifically designed for surface imaging of materials such as ceramics, glass and semiconductor chips. Analysis capabilities include feature width analysis, film or bump thicknesses, line or surface roughness, and volume measurements. In addition to surface analysis, the Olympus confocal microscope can also be used to broadly profile the surface of samples prior to subsequent downstream imaging with scanning electron microscopy.

The variable pressure Hitachi SU3500 replaces the centre’s old Cambridge thermionic scanning electron microscope (SEM), becoming the centre’s new “SEM workhorse.” The Hitachi system supports large-sample imaging with a large depth of focus to view the entire sample. Also, the Hitachi can store settings, which allows users with multiple samples to quickly obtain their data without spending significant time optimizing acquisition settings between samples.

With the Hitachi handling the majority of basic SEM surface imaging, the CHTP’s Helios NanoLab 650 dual beam is freed up for more advanced users who require imaging capabilities such as energy dispersive spectroscopy, electron backscatter diffraction, focused ion beam, and scanning transmission electron microscopy.
GRADUATE SPECIALTY CLINIC NOW OPEN!

The specialty graduate programs—endodontics, pediatric dentistry, periodontics, prosthodontics and orthodontics—now have a clinic located in the north end of the John B. Macdonald Building on the second floor. The new clinic is designed to support collaborative learning among the disciplines.
The new clinic also has technologies specific to the needs of the various graduate programs, such as operatories more conducive to specialty practices and more suitable for patients such as children and seniors. There are also consultation rooms and a conference room.

An environment in which specialty students treat patients and learn in close proximity to each other expands their scope of knowledge and instills a professional interaction model for managing their own complex cases in future private practice.

Patients with complex needs who are managed in this model will benefit by having input from multiple specialists who are readily accessible. This better ensures that the best treatment can be delivered in a timely fashion.

Thanks to Our Supporters

UBC Dentistry appreciates the generous financial support from the following donors* who have helped to build the new graduate specialty clinic:

- Dr. Anthony Chan (DMD 1982) & Mrs. Joanne Chan (Dip DH 1982), enclosed operatory, patient consultation room
- Dr. Joan Lang (DMD 1982) & Mr. Norman Wong, general renovations
- Dr. William Liang (DMD 1983) & Mrs. Catherine Liang, enclosed operatory
- Dr. James Lin (MSc/Dip Endo 2012) & Dr. Cindy Cho (DMD 2009), open operatory
- Dr. Dennis Nimchuk & Mrs. Lydia Nimchuk, enclosed operatory
- Dr. Reza Nouri (DMD 1994), PGD Pediatric Dental Group Inc., enclosed operatory
- Dr. Donald Ragan (DMD 1974), open operatory
- Dr. Ali Sadeghi (DMD 2000) & Dr. Neda Mousavi, enclosed operatory
- Dr. Charles Shuler & Family, open operatory
- Dr. Glenn van As (DMD 1987) & Lee Ann van As, open operatory
- Dr. Russell Yamada (DMD 1972), open operatory
- Dr. Laurene Yen & Dr. Edwin Yen, open operatory
- Dr. Clement Lear Dedication: Drs. Susan Academia-de Guzman, Kayvan Ashnaei (DMD 2007), Jim Der (DMD 1983), Nick Kahwai, Steven Lam, Basil Lee, James Lee (DMD 1989), Robert Lin (DMD 1986), Dennis Lo, Garry Lunn, Salma Ramji (DMD 1984), Anna Rosenczweig (DMD 1986), Christopher Sing, Audrey Wong, Michael Wong (DMD 1993), Jane Winnich (DMD 1992), Robert Yip, Allen Yu (DMD 1981), Richard Yu, Wilfred Yu, Edward Zhang (DMD 2006) and CDE @ UBC, enclosed operatory
- DMD Class of 1987 Challenge: Drs. Larry Anderson, Janis Boyd, Victor Chow, David Cirami, Peter Duckman, Joan Eaton, Leslie Ennis, David Larsen, Vivien Leong, Terry Lim, Sharon Lord, Terry Mah, Thomas Martin, Russell Naito, William Riddell, Milian See, Elaine She, Linge Soo, Kim Trask and Glenn van As, open operatory
- DMD Class of 1988 Challenge: Drs. Frank Arcadi, Peter Becher, Ronald B. Davidson, Henry Der, Laurance Flagg, Barbara Horl, Alan Lau, Rainold Lee, Angeline Leung, Henry Louie, Jennifer Matthews, Glenn Pinnin, Brian Standwick, Margaret Sutherland, Kyoko Takeuchi, Monika Vladis, Michael Wade, Steven Wedan, Kenneth Welch, Norman F.L. Wong, Kelly Wright and David Yu, enclosed operatory
- Group Challenge: Drs. Howard Bittner (DMD 1982), Andrea Esteves (MSc 1984), Goli Khorsandian, Joy Maru, Mark Olesen (DMD 1989), Gary R. Wong and BAVO The Dentists’ Lab, open operatory
- 50th Anniversary Sponsors: Madaisky & Company Business Lawyers, MNP LLP, ROI Corporation, Scotiabank and Sinclair Dental, open operatory
- A-dec, open operatory
- Bisco Canada (Mr. Ron Suh), enclosed operatory
- Clayburn Dental, conference room
- Monarch Orthodontic Centre: Drs. Young Tze Kuah (DMD 1993) and Farah Mawani, computer workstation
- Monarch Pediatric Dental Centre: Drs. Mark F Casasfrancisco (DMD 2005), Peter Y.K. Chan, Elsa Hui-Derkissen, John T.W. Hung and Jennifer Yee, computer workstation
- The Dr. Wilson Kwong (DMD 1989) Family Foundation, open operatory

* Donors as of September 17, 2015

The prestigious legacy opportunity to name the clinic for a gift of $1.5 million is available. For more information, contact Jane Merling, director of Development & Alumni Affairs, at 604-822-5886 or merling@dentistry.ubc.ca
Congratulations to the Class of 2015!

The Bachelor of Dental Science (Dental Hygiene) graduation class of 2015.

The Doctor of Dental Medicine graduation class of 2015.

Rosemary McCrodan, Zachary Zeiler and Pavel Duhra, DMD graduates.

Thomas Sheasby and Nancy Schmidt, DMD graduates.

Mudhar Al-bayati and Mohammed Nasrullah, DMD graduates.

Jean Zhai and Amanda Park, BDSc (DH) graduates.

Vikar Ahmed DMD 2015 shows off his lab coat of congratulatory signatures as Mina Bahuch (L) and Samita Guha look on.

The BDSc (DH) Class of 2015 walk outside the Chan Centre for the Performing Arts.

Nevin Haynes and Jeremy Huynh, BDSc (DH) graduates.

Graduates and Residents of 2015

May 27, 2015, marked the 47th class of graduates from UBC Dentistry. This year, 125 people graduated from undergraduate and graduate programs.

Congratulations to everyone. To find out who the grads and residents are, visit www.dentistry.ubc.ca/grads
Online Stories Worth Clicking

Walk Softly When You Carry the Dead

Top forensic dentist Dr. David Sweet OC is all too familiar with the tragic aftermaths of violent crimes and natural disasters. And, more than once, he has been forced to confront his own mortality. Yet this gifted and compassionate scientist is as positive as they come.

Read the story in UBC’s Trek magazine at http://bit.ly/1FbBaOA

Heartfelt Images 2015

Dentistry participants won awards in Heartfelt Images, the Faculty of Medicine’s annual contest to artistically conceptualize the human heart and circulatory system. This year, faculty in the medical and dental cardiovascular block were invited to participate. Dr. Philomena Kaan, Year 1 DMD PBL tutor, won the first-place faculty award, and Emma Marler, first-year dental student, won the third-place student award.

Check out all the winners and their “heartfelt” images at http://heartfelt.med.ubc.ca

Old Meets New for Workplace Wellness

Dr. Karen Gardner, clinical associate professor, has started a twice-weekly meditation group in a faculty board room—complete with living room lamp so fluorescent lights can be turned off, and a gong to end each session. There is still a certain amount of skepticism in a faculty focused on science-based practises, she says, but research is showing that mindfulness techniques can help people cope with all kinds of difficulties, including chronic illness.

Read the story in the Vancouver Sun at http://bit.ly/1KaPNJZ

Oral Cancer Screening Pilot Program

UBC Dentistry faculty members Drs. Denise Laronde and Samson Ng were part of a pilot program for oral cancer screening offered during Oral Health Month this past April. Screenings took place at some London Drugs locations in the Lower Mainland.

Read the news item on Global News BC at http://bit.ly/1BzuvCS

UBC Dentistry Ranks #1 in Canada

According to the latest results of QS World University Rankings, UBC Dentistry is Canada’s top dental school. Of the top 50 dental schools worldwide, UBC Dentistry ranked 26.

Among the 17 North American dental schools vying for a spot in the top 50 worldwide, UBC Dentistry was ranked 7th (behind the University of Michigan; Harvard University; University of North Carolina, Chapel Hill; University of California, Los Angeles; New York University; and University of California, San Francisco).

The QS methodology for ranking is based on an assessment of four key areas using six indicators: academic reputation, employer reputation, student-to-faculty ratio, citations per faculty, international faculty ratio and international student ratio.

For more information about the methodology and to compare ranking indicators for UBC Dentistry and other dental schools, visit www.topuniversities.com
Fernanda R. Almeida has been appointed associate professor with tenure in the Department of Oral Health Sciences. Read about Almeida's research in the article “And to All a Good Night! UBC Leaders in Dental Sleep Medicine” in the fall 2011 issue of Impressions or at http://bit.ly/1fymdBs

Mario Brondani has been appointed associate professor with tenure in the Department of Oral Health Sciences. For more information about Brondani and his work, read the article “Breaking Barriers—Oral Health for Everyone” on page 24 in this issue of Impressions.

For Almeida and Brondani, these are significant career achievements. The appointments reflect their individual commitment to research, teaching, graduate supervision and service.

Read Dr. Fernanda Almeida’s bio and CV at http://bit.ly/1J32NhF

Read Dr. Mario Brondani’s bio and CV at http://bit.ly/1GxJARl

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Faculty of Dentistry External Awards and Recognition in 2014 - 2015

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<th>RECIPIENT</th>
<th>AWARD/RECOGNITION</th>
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<tr>
<td>Dr. Marcia Boyd, Professor Emerita; former Dean</td>
<td>Honorary Membership, British Columbia Dental Association</td>
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<tr>
<td>Dr. Don Brunette, Professor</td>
<td>Distinguished Service Award, British Columbia Dental Association</td>
</tr>
<tr>
<td>Dr. Andrea Esteves, Clinical Associate Professor; Associate Dean, Clinical Affairs</td>
<td>Inducted into the International College of Dentists as a Fellow</td>
</tr>
<tr>
<td>Dr. Pamela Glassby, Clinical Assistant Professor</td>
<td>Merit Award, British Columbia Dental Association</td>
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<tr>
<td>Dr. Geoff Grant, Clinical Assistant Professor</td>
<td>Special Group Award, College of Dental Surgeons of British Columbia</td>
</tr>
<tr>
<td>Dr. Myrna Halpenny, Clinical Assistant Professor</td>
<td>Honoured Member Award, College of Dental Surgeons of British Columbia</td>
</tr>
<tr>
<td>Dr. Alexander Hird, Clinical Instructor</td>
<td>Award of Merit, College of Dental Surgeons of British Columbia</td>
</tr>
<tr>
<td>Dr. John Hung, Clinical Assistant Professor</td>
<td>Distinguished Service Award, British Columbia Dental Association</td>
</tr>
<tr>
<td>Dr. Todd Jones, Clinical Instructor</td>
<td>Inducted into the International College of Dentists as a Fellow</td>
</tr>
<tr>
<td>Zul Kanji, Clinical Assistant Professor</td>
<td>Faculty of Education Doctoral Fellowship 2014, Simon Fraser University CDHA Excellence in Teaching Award 2014, Canadian Dental Hygienist Association</td>
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<tr>
<td>Dr. Graham Lee, Clinical Instructor</td>
<td>Inducted into the International College of Dentists as a Fellow</td>
</tr>
<tr>
<td>Dr. Joyce Ling, Clinical Assistant Professor</td>
<td>Inducted into the International College of Dentists as a Fellow</td>
</tr>
<tr>
<td>Dr. Anthony P. McCullagh, Clinical Associate Professor</td>
<td>Killam Teaching Prize, University of British Columbia</td>
</tr>
<tr>
<td>Dr. Cathy McGregor, Clinical Assistant Professor</td>
<td>Inducted into the International College of Dentists as a Fellow</td>
</tr>
<tr>
<td>Dr. Mark Norris, Clinical Instructor</td>
<td>Inducted into the International College of Dentists as a Fellow</td>
</tr>
<tr>
<td>Dr. Christopher Overall, Professor; Canada Research Chair in Metalloproteinase Proteomics and Systems Biology</td>
<td>Honorary Professorship, Albert Ludwigs University of Freiburg</td>
</tr>
<tr>
<td>Dr. Edward Putnins, Professor; Associate Dean of Research, Graduate &amp; Postgraduate Studies</td>
<td>Inducted into the International College of Dentists as a Fellow</td>
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<tr>
<td>Dr. Jim Richardson, Clinical Associate Professor</td>
<td>Inducted into the International College of Dentists as a Fellow</td>
</tr>
<tr>
<td>Dr. William Rosebush, Clinical Assistant Professor</td>
<td>Award of Merit, College of Dental Surgeons of British Columbia</td>
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<tr>
<td>N. Dorin Ruse, Professor; Chair of Biomaterials</td>
<td>Couronne de la Personnalité, Paris Descartes University</td>
</tr>
<tr>
<td>Dr. Charles Shuler, Professor; Dean, Faculty of Dentistry</td>
<td>Inducted into the International College of Dentists as a Fellow</td>
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<tr>
<td>Dr. David Sowden, Clinical Assistant Professor</td>
<td>Award of Merit, College of Dental Surgeons of British Columbia Special Group Award, College of Dental Surgeons of British Columbia</td>
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<tr>
<td>Dr. Mark Spurr, Clinical Instructor</td>
<td>Special Group Award, College of Dental Surgeons of British Columbia</td>
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<tr>
<td>Dr. Peter Stevenson-Moore, Clinical Assistant Professor</td>
<td>Distinguished Service Award, College of Dental Surgeons of British Columbia</td>
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<tr>
<td>Dr. David Sweet OC, Professor; Associate Dean, Students</td>
<td>Medallion of Distinguished Service, Canadian Forces</td>
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<tr>
<td>Dr. Mike Thomas, Clinical Assistant Professor</td>
<td>Distinguished Service Award, British Columbia Dental Association</td>
</tr>
<tr>
<td>Dr. Bruce Ward, Clinical Assistant Professor</td>
<td>Special Group Award, College of Dental Surgeons of British Columbia</td>
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<tr>
<td>Dr. Brian Wong, Clinical Assistant Professor</td>
<td>Award of Merit, College of Dental Surgeons of British Columbia</td>
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<td>Dr. Gary Wong, Clinical Instructor</td>
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</tr>
<tr>
<td>Dr. Abbas Jessani, Graduate Teaching Assistant II</td>
<td>Killam Graduate Student Teaching Prize, University of British Columbia</td>
</tr>
<tr>
<td>Dr. Rana Tarzemany, PhD Candidate</td>
<td>Volpe Prize, Ohio State University and Colgate Oral Pharmaceuticals, Inc.</td>
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</table>

Keep up-to-date on all awards and achievements—including the annual Dean’s Night, graduation and teaching awards—at www.dentistry.ubc.ca/awards
Retirements: Full-Time Faculty

The Faculty of Dentistry has said farewell to three professors who retired in June after many years of commendable performance and service.

Prof. Bonnie Craig began her career in the UBC Faculty of Dentistry as a part-time clinical instructor in the newly established dental hygiene diploma program in 1969. Although this program was discontinued in 1986, in part because it was a diploma-level program rather than a degree program, Prof. Craig was optimistic that dental hygiene education would one day return to the Faculty of Dentistry.

Things fell into place shortly after Craig completed a Master of Education degree from Simon Fraser University, majoring in Curriculum and Instructional Design. In 1991, the Faculty of Dentistry approved a new degree-completion program for qualified dental hygienists. Craig became the degree program director and was charged with developing and implementing the first dental hygiene degree completion program in Western Canada.

During her 24 years as the Dental Hygiene Degree Program director, she created educational opportunities for dental hygienists nationally and internationally to build onto their diplomas and complete a Bachelor of Dental Science (Dental Hygiene) degree. She was also key in developing and implementing the first four-year degree curriculum in Canada leading to an entry-to-practice (ETP) dental hygiene degree, which now sets UBC apart globally.

In 1975, Dr. Michael MacEntee arrived at UBC with his Certificate in Prosthodontics from the University of South Carolina in hand. He was poised for a career as a scholar, educator, clinician, researcher and leader of provincial, national and international specialist and research organizations. He became a Fellow of the Royal College of Dentists of Canada in 1979, a full professor at UBC in 1986, and was awarded a PhD in 1989 from Trinity College Dublin.

MacEntee has received many research grants, has published an abundance of scholarly papers, book chapters and textbooks, and continues to present his research and clinical experience around the globe. All of the graduate students he supervised have academic positions here at UBC or at other universities.

For his extensive contributions to education, in 2009 he received the UBC Killam Teaching Prize. And to honour his lifetime of innovative achievements as a scholar in the field of dental geriatrics, in 2009 he was also awarded an IADR (International Association for Dental Research) Distinguished Scientist Award.

Throughout his career in academe, Dr. MacEntee maintained an active prosthodontic practice in Vancouver. His service, beyond his many roles in the Faculty of Dentistry and a long stretch on the UBC Senate, extended to presidencies of the BC Society of Prosthodontics, the Association of Prosthodontists of Canada, the International College of Prosthodontists and the Royal College of Dentists of Canada.

Currently, MacEntee is editor-in-chief of the journal Gerodontology, president of the Vancouver Institute, and very recently he has been elected to Fellowship in the Canadian Academy of Health Sciences.

Throughout his enviable career, he has been loved and supported by his wife Mary, children Emma, Katie and David, and two grandsons.

For a 10-year period from 2001 to 2011, Dr. Joanne Walton served the Faculty of Dentistry as a dedicated and innovative associate dean of Academic and Student Affairs. Her career at UBC as an internationally respected dental educator and scholar began, however, in 1989 when she first set foot “on the clinic floor” as a part-time clinical instructor. She joined the Faculty full-time in 1991 and quickly rose to become a tenured full professor in 2004.

Prior to joining the Faculty and establishing her practice in West Vancouver as a prosthodontist, Dr. Walton served for 10 years as an officer in the Canadian Forces Dental Services. She received her DDS from the University of Alberta (1979), her Diploma in Prosthodontics from Walter Reed Army Medical Center in Washington, DC (1985), and her Fellowship from the Royal College of Dentists of Canada (1989).

Walton has been a creative and innovative curriculum developer and “change-agent” in the Faculty, establishing a curriculum database (“OSCAR”) and the clinical educator stream for faculty. She has also completed numerous inventive revisions of existing DMD modules, and has developed curriculum for the graduate prosthodontics program.

Not surprisingly, Walton received both the W.W. Wood Award for Excellence in Dental Education and the UBC Killam Teaching Prize—each on two separate occasions. In 2002, the 3M ESPE National Dental Teaching Award that recognizes exceptional contribution to dental education at Canadian universities was presented to Dr. Walton.

She is grateful for the immeasurable support provided by her spouse, Dr. Carole Bishop.
Translating Dentistry Expertise to Vietnam

In March this year, UBC Dentistry experts delivered a two-week translational workshop in Ho Chi Minh City, Vietnam, to various health professionals from the Oncology Hospital and the University of Medicine and Pharmacy.

Dr. Catherine Poh, associate professor at UBC Dentistry, presented prevention strategies in early detection and diagnosis of oral cancer, with the aim of transferring knowledge learned in British Columbia to help develop a screening program in southern Vietnam. Oral lesions are one of the most pressing health issues in Vietnam, where oral malignancies of all kinds are often not detected until individuals experience debilitating oral function.

Poh is an expert in community screening and management of high-risk oral precancers. She is a pioneer in the use of fluorescence visualization to detect, triage and guide the surgery of oral lesions. She’s also part of a research team identifying a group of molecular markers that can help clinicians determine which patients with low-grade oral precancers are at high risk for cancer development.

Dr. Andrew Tsang, a 1997 UBC DMD graduate who lives, practises and instructs in Ho Chi Minh City, supported the training in Poh’s workshop.

The workshop took place at the UBC Dentistry & National Hospital of Odonto-Stomatology Oral Health Research Centre. It was part of a two-year collaborative research initiative with clinical investigators from the Oncology Hospital and the University of Medicine and Pharmacy in the Vietnamese capital. This initiative, funded by the Terry Fox Foundation, Vietnam, aims to prevent oral cancer by focusing on early detection of questionable and high-risk oral lesions and establishing community-based prevention strategies and a surveillance program.

More money is available for students in crisis thanks to the generosity of donations to the Sweet Student Fund over the last two years. When launched in 2013, the goal of the fund was to raise $50K. Through annual appeals, donations have since totalled $42,800.

The fund assists students in the Faculty of Dentistry who face personal crises during the course of their studies. Over the years, a number of dental students have experienced challenges such as life-threatening or debilitating illness, grief and loss, and other kinds of personal hardship that have compromised their ability to pay for their education.

Named after Dr. David Sweet OC, associate dean, Students, the fund was established by Sweet’s friends, colleagues and long-time associates to honour his commitment to the educational experience of Dentistry students, a commitment that extends to their health and well-being.

To help students facing unforeseen adversity, a donation to the Sweet Student Fund may be made online at http://bit.ly/1Kujpm0, or by contacting Jane Merling at 604-822-5886 or merling@dentistry.ubc.ca

LOS >> YVR >> LOS

Dental students from Lagos, Nigeria—Ngozi Chukwudifu, Oluwafemi Fagbeja, Susan Olawepo, Adamma Olisa, Mary Okoduwa Onome, Amir Shah, Rasheedat Tinubu and Awe Tolulope—visited UBC Dentistry for two weeks in May. Six of them, pictured here, take a break from table tennis for a photograph.
UBC Grad Perio Student Wins Highly Regarded Volpe Prize

Periodontics graduate student Dr. Rana Tarzemany won the prestigious Volpe Prize for the best clinical research in periodontology by students in dentistry. This is the first time a student from a Canadian school has won the award, which is sponsored by Ohio State University and Colgate Oral Pharmaceuticals, Inc. The competition is open to periodontics students from dental academic institutions in North America. The presentation was made on July 10, 2015, at Ohio State University in Columbus.

Tarzemany is undertaking a PhD in Craniofacial Science combined with a diploma in Periodontics at UBC Dentistry. Her graduate supervisor is Dr. Lari Häkkinen, associate professor in the Department of Oral Biological & Medical Sciences.

The title of Tarzemany’s research is “Expression and Function of Connexin 43 in Human Gingival Wound Healing and Fibroblasts.” By using various histological, cellular and molecular biological techniques, Tarzemany discovered that connexin 43, a molecule mediating cell-to-cell communication, may play an important role in connective tissue fibroblasts to promote human gingival wound healing. Furthermore, modulating specific functions of this molecule may provide future targets to alleviate tissue fibrosis, a common outcome in, for instance, skin wound healing.

“I heard from participating judges,” Häkkinen remarks, “that this year the quality of the research and presentations was very high—some say the highest ever during the 10 years the competition has existed—which further emphasizes how well Rana did.”

The Volpe Prize is awarded based on a combination of factors, chief among them the importance and quality of research, how it is presented by the student in an oral presentation, and the knowledge of the student about the research topic, as judged by a questioning period after the presentation.


French University Honours N. Dorin Ruse

N. Dorin Ruse was awarded the **Couronne de la Personnalité** for 2014 from the **Faculté de chirurgie dentaire, Université Paris Descartes** (Faculty of Dental Surgery, Paris Descartes University) on December 11, 2014. This award is bestowed on outside individuals for their impact on the research of the faculty.

In a statement from Paris Descartes University: “Le Professeur Dorin Ruse a reçu la couronne de la personnalité «hors» Paris Descartes pour la qualité de ses publications et son étroite collaboration depuis plusieurs années avec les équipes de recherches de notre faculté.”

Ruse was recognized for his long collaboration with research teams at the university (2002 to 2014) and for the quality of their publications, 17 in total.

A professor and chair of Biomaterials in the UBC Faculty of Dentistry, Ruse is well known for his research in the application of fracture mechanics and fatigue crack propagation methodology to the study of biomaterials, hard tooth tissues and adhesive interfaces.

When accepting the award via Skype from his office in Vancouver, Ruse also learned he has been nominated by the **Faculté** for the title of **Doctor Honoris Causa of the Université Paris Descartes**, a nomination that is currently under consideration.

For more information about the award and the ceremony, visit [http://bit.ly/1HM7RJI](http://bit.ly/1HM7RJI)

La Couronne de la Personnalité
There is good news for the seniors living at a Richmond long-term-care facility. Minoru Residence, affiliated with Richmond General Hospital, has opened an on-site dental suite, which will be served by the UBC Geriatric Dentistry Program. The UBC program will provide the clinical expertise—dentists, hygienists and assistants—to meet the oral health needs of the residents.

Now, all but the most complex treatment can be provided directly from the Minoru Dental Suite, lessening the need for residents to travel to UBC to access specialized geriatric dental care. It’s a new service, according to Dr. Chris Wyatt, director of the UBC Geriatric Dentistry Program, that “just makes sense.”

There’s a patient flow aspect to providing residents with regular dental care, “said Nicky Duggha, manager at Minoru Residence. “We know that dental infections can result in an emergency department visit, and if severe enough, can require hospitalization. By providing access to regular dental care, we hope to sustain resident good health and prevent unnecessary trips to Richmond Hospital.”

“Care will be provided here by experienced clinicians with state-of-the-art equipment,” Dr. Wyatt adds. “This means Minoru residents will get the best care possible, just as if they were accessing it from a dentist office in the community.”

The bulk of outfitting the Minoru Dental Suite with dental equipment—lighting, mobile drilling and digital radiography units, and a ceiling lift to enable residents to be safely positioned into and out of the reclining dental chair—was financially supported by the Richmond Hospital/Healthcare Auxiliary, while UBC Dentistry donated a dental chair.

Initially, the Geriatric Dentistry Program team will provide the service. However, geriatric rotations for UBC’s undergraduate dentistry and dental hygiene students, as well as graduate students in specialty programs, will likely evolve.

Although the new clinic will initially treat Minoru residents, access will be broadened eventually to include residents from other care sites in Richmond.

Mobile Clinic on the Roll

A mobile community dental clinic, 57 cm from bumper to bumper, rolled onto the tradeshow floor at the Pacific Dental Conference in March and ended up parked at the UBC Dentistry booth. “It was a tight squeeze,” noted the driver, who carefully maneuvered the eye-catching model onto the top of a podium.

The Faculty of Dentistry is campaigning for financial support for a real, life-size dental clinic on wheels, with the aim of increasing accessibility to oral health care for marginalized people throughout the Lower Mainland and across the province. (For details about the initiative, see page 26 in the spring-summer 2014 issue of Impressions.)

As well as seeking support in the community, members of the initiative’s steering committee are developing an operational and business plan for the mobile dental clinic. Steering committee members are Dr. Bill Brymer, Nadine Bunting and Drs. Ken Chow, David Hemerling, John Hung and Sam Tam.

To learn more about opportunities to support the UBC Dentistry mobile community dental clinic, contact the Development Team at 604-822-5886 or dentistry.development@ubc.ca

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Prof. Emeritus and Former Dean Receives Recognition for Service in WWII

Retired flight lieutenant Doug Yeo received a certificate of recognition and a commemorative pin for service during the Second World War. Dr. Doug Yeo is professor emeritus and former dean of the Faculty of Dentistry. He retired from UBC in 1987.

Yeo was 17 when he volunteered to join the Royal Canadian Air Force. In 1943, he joined Squadron 410 and started combat duty as a navigator in a Mosquito fighter bomber, flying intruder and night fighter missions. In two tours, he flew over 96 missions, and crash-landed on two occasions. Yeo flew on D-Day (June 6, 1944), providing cover for paratroopers.

The certificate is awarded on behalf of the Right Honourable Stephen Harper, Prime Minister of Canada, and the Honourable Julian Faustino, former Minister of Veterans Affairs. It is a tribute to selfless service and sacrifice during the Second World War, in defense of Canada and its shared values of freedom, democracy and the rule of law.

Read more about Dr. Doug Yeo’s work at UBC (and the impact war had on his dentistry career) in the article “History of Community Dentistry Outreach” in the spring 2015 issue of Impressions online at http://bit.ly/1du1wVP

Dental Students Win Campus Cross Volleyball Title

Dent United won the CoRec Tier 2 Divisional title for UBC’s student Cross Volleyball League in April.

Five dental students played regularly on the team: Matthew Chin and Kelvin Leung from the third-year class, Eugene Chien and Min Cho from second year, and first-year student Sara Kim.

“We had a good season, but an even better playoff run,” says Chien.

“Despite having to come to campus on Sunday mornings, every one of us improved our skills, and we had a lot of fun!”

Oral cancer affects more than 300,000 people worldwide annually. In BC, approximately 600 people were expected to be diagnosed with oral cancer in 2015, increasing to more than 850 by 2028—a 42 percent increase. While the oral cavity is easy to access, determining which oral lesions require further investigation can be challenging.

Research Day 2016 will highlight the work of local researchers from the UBC Faculty of Dentistry and the BC Cancer Agency in discovering new techniques to prevent, detect, triage and treat oral cancer to improve long-term outcomes for patients with oral cancer or precancer.

The Faculty of Dentistry is honoured that this year’s keynote address will be delivered by Dr. Miriam Rosin, director of the BC Oral Cancer Prevention Program and senior scientist from the BC Cancer Agency. As principal investigator on the Oral Cancer Prediction Longitudinal Study, which has been following patients with oral cancer or precancer since 1999, Dr. Rosin’s work focuses on the development of new strategies for oral cancer prevention and control.

Keep up-to-date at www.dentistry.ubc.ca/researchday

UBC Dentistry Research Day 2016
ORAL CANCER: THE JOURNEY FROM EARLY DETECTION TO SURVIVORSHIP
Tuesday, January 26, 2016
Alma Mater Society Student Nest, Great Hall
Clinical Trials Research: BETWEEN THE LAB BENCH AND CHAIRSIDE PRACTICE

BY MARK WITTEN
The long and winding journey from a bright idea to a new product or therapy that significantly improves the health and quality of life of patients locally, nationally and internationally is challenging, exciting and potentially very rewarding for both the originator and the beneficiaries.

Dr. Alan Lowe has walked and sometimes run every step of that dental clinical research translation journey. It began with his early studies of patients with sleep disorders and simple oral appliances such as Snore Guard® in the 1970s and 1980s, and led to the invention, development and testing of his pioneering oral appliance Klearway™ in clinical research trials in the 1990s. This was followed by the highly successful licensing, marketing and sale of 42,000 Klearway appliances with a retail value of $12.6 million over the past two decades, supported by more clinical trials to further assess the effectiveness of the device in the treatment of snoring and obstructive sleep apnea (OSA) in adults and children.

As director of UBC Dentistry’s Frontier Clinical Research Centre (FCRC), Lowe is eager to share his wealth of expertise in helping other investigators to embark and progress on their own research journeys. The FCRC is the first dedicated centre for all types of dentistry-related, patient-based research in Canada. It provides spacious and well-equipped facilities, specialized services and a clinical trials manager, Sundus Hussain, who has the hands-on clinical trials experience needed to support researchers in developing and testing promising ideas for new patient-based dental treatments, devices, materials and procedures in clinical research trials.

“Clinical trial design is incredibly complex but there is little training for clinical trials research in dental school. The FCRC is a go-to place in one location that increases clinical research options for our faculty, graduate students, clinical educators, dentists and dental hygiene professionals in the community, as well as industry and corporate sponsors. We can help to streamline and speed up the clinical research process by providing support for investigators through every step of a clinical study,” says Lowe, professor and chair, Division of Orthodontics, UBC Dentistry.

In his first year as director of the FCRC, Lowe has overseen the launch of 14 new clinical research studies in areas ranging from root canals and implant stability measurement systems to oral cancer screening and obstructive sleep apnea treatments. “A clinical trial centre at a university is meant to advance the science of dentistry, and the studies we have underway cover the gamut of clinical dentistry,” says Lowe.

Support for the Frontier Clinical Research Centre

The Frontier Clinical Research Centre is supported by a generous gift from Frontier Dental Laboratories Inc. to enhance dentistry-related patient-based research and knowledge transfer in Canada. Frontier Dental Laboratories, based in Vancouver, is a full-service dental laboratory, focusing on everyday crown and bridge, as well as high-quality aesthetic restorations, smile design, full-mouth reconstruction, and implants. For more information, visit www.frontierdentallab.com
Tracking Adherence: CPAP Versus Oral Appliance

Good long-term adherence to treatment is essential for patients with obstructive sleep apnea to gain the optimal health benefits. OSA is a chronic, life-threatening condition that affects 10 to 15 percent of Canadian adults, and is associated with cardiovascular disease, hypertension and stroke. The two main treatment options for OSA are continuous positive airway pressure (CPAP), which involves a nasal mask attached to an apparatus that forces air into the lungs, and mandibular advancement oral appliances that work by holding the jaw closed while moving the tongue and jaw forward to open the airway.

Dr. Fernanda Almeida, an associate professor in the Department of Oral Health Sciences, is conducting a randomized clinical trial that will objectively compare the adherence of patients who have mild to severe obstructive sleep apnea with CPAP versus mandibular advancement splints (MAS). The clinical trial is designed to compare the effectiveness of both treatments in reducing symptoms. This will be the first study to measure adherence objectively by comparing the two treatments; to date, researchers and clinicians have had to rely on patients’ subjective views of their own MAS compliance, which is often inaccurate.

The study is fully funded by a Canadian Institutes of Health Research (CIHR) grant. An Ottawa-based company, Braebon Medical Corp., has designed a miniaturized adherence monitor called DentiTrac™ that it provided for the study to accurately monitor the amount of time patients wear the removable oral appliance. (With CPAP, newer machines have tracking systems that can reliably track patient adherence.) The DentiTrac micro-recording device is embedded in the oral appliance and can store up to six months of data. The adherence tracker will allow the research team to objectively measure differences in patient adherence to CPAP versus MAS treatment.

Almeida’s study is a cross-over trial in which each of the 60 patients will receive the two treatments separately for one month. It will be followed by an observational trial in which patients will have access to both treatments at home and be allowed to choose on a daily basis the treatment to use. “The results of this study will provide new evidence to help patients and physicians in making future decisions on the preferred mode of therapy. A secondary goal is to assess if there is an improvement in treatment adherence and a reduction of symptoms if the patient’s treatment preference is taken into account,” explains Lowe.

Easing the Clinical Trials Pathway

As clinical trials manager at the FCRC, Sundus Hussain plays a valuable role in streamlining and accelerating all clinical research processes for investigators conducting or wishing to conduct clinical research trials. “It’s become a lot simpler now for faculty to do clinical research trials because we have a foundation laid to support and help them with each step in the process. Most faculty are very busy and don’t have the time to handle all of the various tasks and details. They want to do clinical research, but in some cases may not know what a clinical research trial entails,” says Hussain, who also guides graduate students in all aspects of clinical research and provides clinical training as needed.

The clinical trials manager assists investigators with five processes: initiating, planning, executing, monitoring and controlling, and analysis and review. She ensures the protocol, informed consent form, patient charts, database, case report forms, questionnaires and other data collection documents are ready and are created using the appropriate ethics board template. She assists with the preparation of these documents as well.

Hussain has extensive experience with a wide range of ethical applications for various clinical projects and has been very successful in obtaining Research Ethics Board (REB) approval for FCRC projects. She can set up study-specific databases, and ensure that data entry completion and verification is occurring according to set study timelines and that all queries are resolved in a timely fashion.

Creating a positive environment for study participants is also crucial. “You can’t recruit and retain patients unless you can create a positive relationship with them and make their participation in the study a positive experience. I develop a comfortable relationship with each patient so the study visits become something they look forward to, where they get the treatment they want from compassionate health care professionals,” says Hussain.

New Tool to Assess Implant Stability

Clinical professor Dr. Babak Chehroudi and UBC Dentistry colleagues have developed a promising new percussion-based implant stability measurement system (PISMS), which could be a critical tool for early detection of implant failure and enabling corrective
measures to avoid implant loss. Although high success rates for implants are reported, there are large and increasing numbers of failures due to the growing numbers of implants placed. Both conventional clinical methods and commercially available implant stability measurement devices lack sensitivity and are unable to predict failure reliably.

Chehroudi is working on a pilot study involving 50 patients to determine whether the PISMS assessment method is more specific and sensitive in predicting early loss of implant-supporting tissue and implant failure than the current commercially available devices. Chehroudi’s device works by applying a gentle tap on implants and generating percussive sound signals that are collected by sensors. The signals are then processed to identify resonance frequency and damping of the dental implants simultaneously. The PISMS probe has been successfully used to assess the stability of implants placed in simulated bone blocks of different densities.

The long-term goal of Chehroudi’s clinical research is to bring to market a low-cost, highly accurate and reliable dental implant stability-measuring device that allows early detection of implant failure, and early intervention to reduce the frequency of implant failures and costs of replacement. “This is a brand new device developed by UBC Dentistry. Chehroudi is testing its effectiveness in measuring implant stability and reliability in clinical practice. A key goal of this pilot project is to get industry to look more closely at the potential for collaboration and commercial development of this device, which could provide important health benefits for patients and an economic benefit to Canada,” says Lowe.

Community Screening to Detect Oral Cancer Early

Oral cancer is a substantial yet often unrecognized global health issue with a high mortality rate, mainly due to the late stage at which it is diagnosed. The disease is more common than cervical and ovarian cancer, and has a lower five-year survival rate than breast and prostate cancer. Oral cancer screening of patients can be effective at finding early disease, but it is challenging for clinicians to identify which oral premalignant lesions (OPLs) will progress to oral cancer.

Dr. Denise Laronde, an assistant professor in the Department of Oral Biological & Medical Sciences, is doing a study in which 200 patients identified with OPLs through a biopsy will be screened for high-risk OPLs using a research-validated, predictive test. One goal of the study is to assess the effectiveness and practicality of this test as a screening tool to identify high-risk patients. A second and larger goal of the study is to create a new high-risk clinic to manage patients from the community who have been identified through this test to be at high risk of progressing to oral cancer.

Laronde and her colleagues at UBC and the BC Oral Cancer Prevention Program developed the only validated chairside test to assess the risk of progression to oral cancer, which is based on the molecular profile of the patient’s OPL. This predictive test uses a genome marker–based technology (gMART) to accurately classify OPLs at low, medium or high risk of progression to oral cancer. Laronde’s study will use an enhanced version of the test, known as gMART+, which integrates quantitative pathology analysis and has even higher predictive value.

Laronde, who was trained and worked as a dental hygienist earlier in her career, has a vision for the clinic to be community-centred, with high-risk patients identified and triaged to it via dental networks to be developed through the BC Cancer Agency community screening initiative and followed by an oral medicine specialist. Patients identified as low-risk may not need as frequent follow-up, reducing the demand for health resources, and they will be spared unnecessary interventions. “Stratification of risk of progression will help clinicians to identify patients at high risk of progression to oral cancer. This will lead to earlier intervention in those patients at the highest risk of progression and better health outcomes,” says Lowe.

Testing Faster, Fresher, Simpler Methods

Some of the other studies underway include a root canals outcome study by Dr. Markus Haapasalo comparing a single-cone technique using bioceramic sealer—which can be done in less time than traditional techniques—with two traditional methods. Dr. Leanne Donnelly is comparing the clinical effectiveness of Nufresh, a natural-ingredients oral rinse, against chlorhexidine (the dental industry standard anti-bacterial rinse). Dr. Ross Bryant is doing several studies investigating implant overdentures (replacement teeth retained by implants) with magnetic attachments and comparing the durability of one-implant and two-implant overdentures.

Dr. Fernanda Almeida is doing another study involving 60 patients to assess the effectiveness of a tongue stabilizing device (TSD) in treating patients with obstructive sleep apnea and better understand how this therapy works. TSD is a preformed appliance for OAS that protrudes the tongue and improves upper airway structure and function during sleep. It is simpler and more economical than other therapies, such as CPAP and MAS, and may offer similar benefits. Almeida wants to determine whether TSD therapy will improve OSA symptoms and lead to effective nasal breathing and reduce swallowing frequency during sleep. “This treatment hasn’t been investigated very thoroughly and the results may be very helpful,” says Lowe.

As UBC Dentistry, faculty and students launch and develop a wide range of clinical research projects through the FCRC, Lowe aims to also involve more clinical educators, dental hygienists, dentists and industry partners who are closer to the demands of the profession.

To have a meaningful impact, the research should not stop when a clinical trial ends. Drawing on his own experience working with industry and companies to commercialize new devices and treatments, Lowe will be helping some investigators to engage in fruitful collaborations with industry and corporate sponsors. The goal will be to translate their research findings into new devices, dental materials and oral health products to improve the health of patients in Canada and globally. “There are a lot of new products and developments happening in dentistry today. The timing is right for a dedicated clinical trials centre because it opens up options for clinical research to take advantage of these exciting opportunities,” says Lowe.
Win-Win: SUMMER STUDENT PRACTITIONER PROGRAM FACILITATES STUDENT-TO-ASSOCIATE TRANSITION

Q: How can a dentist add a good-fit associate to their practice?
A: Hire a dental student during the summer for a trial run.

Q: How can a dental student find an associate position—one that is compatible with their career goals—before graduating?
A: Join a dental practice during the summer between third and fourth year for a trial run.

In British Columbia, the Summer Student Practitioner Program (SSPP) matches dentists with students between third and fourth year for a “trial run” at working together in the dentist’s practice. Dental student placements range from two to six weeks in duration.

The SSPP is a win-win arrangement. It gives students additional clinical experience and an opportunity to be part of the day-to-day operation and management of a dental practice. It gives both parties—those seeking an associate and those seeking to be an associate—a chance to check out the “fit.” It also encourages more new graduates to practise in geographic areas away from the Lower Mainland, where there is a greater need for dentists.

Testing the Fit
Students get to see if the practice and practitioner are a good match for their personal and professional goals and values. And when the SSPP placement is in a region beyond Vancouver, they get to discover an entirely different lifestyle. For the principal dentist, the program provides an opportunity to observe how the dental student treats patients, interacts with office staff and generally fits in the practice. Essentially, the principal dentist is able to “try out” a potential associate and then make decisions based on actual performance witnessed first-hand.

If the student was a positive addition to the practice during the program, there is a very strong likelihood they will be a good associate. With a positive assessment, the student may be offered an associate position for after graduation.

Meet Three Recent Grads Who Are Now Associates
In the past few years, there have been a significant number of SSPP dentist mentors who have recruited their summer student as an associate after graduation. The transitions have, invariably, been smooth and positive. And, through the SSPP, many new graduates have begun their practice careers away from the Lower Mainland including locations as far away as Fort St. James.

We spoke to three recent graduates who, after participating in the program, became associates in the practice of their SSPP placement after graduation:

- Danielle Coulson DMD 2014, associate with Kevin Doyle DMD 1980, Parksville
- Matthew Francisco DMD 2013, associate with David Ciriani DMD 1987, Kamloops
- Bryan Wong DMD 2013, associate with Joan Eaton DMD 1987, Comox

The SSPP Student Practitioner
The Summer Student Practitioner Program is open to students who have completed their third year and have been successfully promoted to fourth year per the Academic Progress Committee. Since the SSPP is not part of the UBC curriculum, participating students must be duly registered and licensed by the College of Dental Surgeons of BC as a summer student practitioner. This registration allows them to practise dentistry in British Columbia mentored by the principal in a private practice. The student must also possess valid malpractice insurance through the Canadian Dental Services Plan Inc.
Here is what they have to share about their transition from student to associate.

**Impressions:** What was the main value of your SSPP experience in terms of test-driving the idea of being an associate?

Danielle: The main value was finding a good mentor to help me adapt to a new community and get comfortable with non-school-related dentistry. I started looking while in second year and found one with a similar philosophy of dentistry and matching values, like a high standard of ethics.

Matthew: I completed more restorations in the six weeks of my SSPP than in third and fourth year combined. From an experience standpoint alone this was extremely valuable. Some of the other aspects of dentistry that are not directly related to teeth, like business management, staffing, billing, etc., are all important things to begin to learn about. If you are at all interested in potentially practising with your mentor dentist, you have a multiple-week working “interview” to observe things like: how the dentist/practice cares for patients, the quality of their work, how they take care of staff, how they deal with difficult patients, and so on. This can help to decrease the issues that can potentially arise with owners and associates. Both myself and just about everyone else I talked to who took part in the SSPP felt much more confident coming back into fourth year.

Bryan: Experiencing dentistry in a school setting was one thing, but experiencing it in an “actual” real-world dental practice, where relationships with patients can be a lifelong one, is completely different. The SSPP allowed me the chance to experience this.

**Impressions:** What are your final thoughts about your SSPP experience—and perhaps any recommendations for future students?

Danielle: I was lucky—I had an amazing experience. I think it’s beneficial to scout possibilities in second year, well in advance.

Matthew: This was a fantastic opportunity, and I would have paid to get the experience I had through the SSPP. I highly recommend that students get involved with this program. Whether you end up working for the dentist mentor or not, you will learn a lot and have a great experience seeing a different area of BC. I would recommend that students commit to an extended period of time, as with each week you get better and better as you become more comfortable.

Bryan: What I loved most about my mentor’s office was the focus of her patient pool: mostly families with children. My experience with children prior to working in dentistry—working at BC Children’s, running toddler day camps and being involved in group music lessons for kids—was instrumental in my “fitting into” the office dynamic. I believe it was this prior knowledge and comfort working with kids that allowed me to gain the trust of the patients I saw during the SSPP experience.

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**Bring Another to Practice**

Dentist mentors are needed for the Summer Student Practitioner Program. The success of the program has an ironic twist: each time an SSPP mentor recruits their summer student practitioner as an associate, a potential mentor for the subsequent summer is lost. And generally, there are more dental students interested in the SSPP than available mentors. So the program always needs to recruit new SSPP mentors. If you are a dentist interested in this program for the summer of 2016, please let us know.

Bringing a student into your practice during summer is a simple process; a few clicks is all it takes to get started. For more information about the Summer Student Practitioner Program and to facilitate student matches, visit [www.dentistry.ubc.ca/sspp](http://www.dentistry.ubc.ca/sspp)
Whether in a volunteer capacity or as part of a curriculum component or fourth-year elective, dental and dental hygiene students work in a wide and demographically diverse range of local, provincial and international settings. Not only do these placements enhance the student experience and increase community involvement—two of three core themes in the Faculty’s Strategic Plan—but they create significant memories for all involved.

**Fiji and Chile Rotations 2015**

Five DMD students travelled on international rotations to Fiji and Chile this past April and May thanks to the support of the Sinclair Travel Fellowship Program.

Drs. Jamie Marshall and Francis Lim, then fourth-year dental students, along with Dr. Bill Brymer, clinical assistant professor, joined volunteer students and dentists from the University of Southern California (USC) Faculty of Dentistry in April. They participated in a collaborative volunteer dental program with Ayuda Inc., a not-for-profit organization focused on providing free dental care to underserved communities. This year, the UBC-USC team visited a Seventh Day Adventist–associated mission at Natuvu Creek on the island of Vanua Levu in Fiji.

In May, Drs. Vikhar Ahmed, Bruce Chou and Michael Tsai—all fourth-year DMD classmates at the time—travelled to Santiago, Chile. There they provided free dental services in two locations: at the Universidad Finis Terrae, and in Macul, one of Santiago’s poorest communities. The trio performed a full range of dental services, from diagnostics and rehabilitative therapy, to oral surgery.

**Read more stories about student travel sponsored by the Sinclair Travel Fellowship Program at www.dentistry.ubc.ca/sinclairtravel**
In January, Afarin Pahlavan (L) and Parisa Pezeshkdar, both third-year dental students, worked together on a restorative treatment for a patient at the Abbotsford Food Bank dental clinic.

Carmen Hansford (L), Amir Reza Ahmadi (2nd L), Rosa Kim (C) and Michael Tsai (R), all DMD 2015 students at the time, are seen with Dr. Marissa Garcia Fulle De Owen. The students took part in a periodontics-implant elective in the Nobel Biocare Oral Health Centre this past April. In this three-and-a-half-day fourth-year elective, students learn how to diagnose, plan treatment and perform crown-lengthening surgery. They also do single, non-complicated implant therapy.

Several times per year, dental hygiene students volunteer at dental hygiene-only clinics at the Abbotsford Food Bank dental clinic. In the photo from left to right: Hyun Cha, Brittany Fandrick, Lorena Austin, Nina Sang, Nevin Haynes and Jeremy Huynh, all of whom graduated this year from the Dental Hygiene Degree Program.

This past academic year, UBC Dentistry students volunteered at the Abbotsford Food Bank dental clinic five times—and are scheduled three more times this coming fall. In addition to this outreach, the Faculty has over 30 volunteer clinics that take place each year in the Lower Mainland.

The Vancouver Native Health Society, located on East Hastings Street in Vancouver’s Downtown Eastside (DTES), operates a storefront dental clinic providing DTES residents with emergency and preventive dental treatments free of charge. Since spring 2009, the site has hosted many UBC Dentistry student-led volunteer clinics.

First-year students (from left to right) Jace James, Sara Sassani, Moorea Zava and Amir Asghari display their array of oral health education posters and props at the Downtown Eastside Women’s Centre. The team, as part of a Professionalism and Community Service (PACS) module, promoted oral health to the women of the community who visited the centre last April during a Beauty Night event. (Beauty Night Society aims to build self-esteem and change the lives of women and youth living in poverty through wellness, life skills development and makeovers.)

Matthew Pavlic, a first-year dental student, using a storybook to promote oral health to a group of children at Ray-Cam Co-operative Centre last spring as part of Healthy Smile Day, a larger interactive education session led by UBC Dentistry students.

First-year dental students Sarah Berkey (L) and Zachary Lim (C) work with a group of children during Healthy Smile Day at Ray-Cam Co-operative Centre. Children learned the difference between tooth-friendly and unfriendly foods, how and when to brush teeth, and what dentists do.

Find out more about UBC Dentistry’s Community Volunteer Clinic Program and the dates of upcoming volunteer clinics at www.dentistry.ubc.ca/cvcp
Next spring the Nobel Biocare Oral Health Centre (NBOHC) will mark 10 years since opening its doors. Plans are in the making for a March 2016 decennial celebration.

Hailed for its state-of-the-art technology and innovative architectural design, the oral health centre today remains a sophisticated and efficient space for learning, community service and research.

For over a decade the centre has received unprecedented backing throughout its planning, construction, outfitting and operations. Having a new oral health centre was a dream come true for students, faculty, alumni, the profession and patients.
Check out these facts about the Nobel Biocare Oral Health Centre:

- Supports more than 344 undergraduate and graduate students in clinical programs
- Receives over 35,000 patient visits per year
- Makes an average of 700 geriatric-patient appointments per year
- DMD students treat close to 570 children each year
- Floor area is 3,623 square metres (39,000 square feet)
- Houses 126 open operatories and 18 enclosed operatories

Additional features of the NBOHC include:

- A central sterilization and distribution system to optimize infection control
- A radiology centre with a cone beam CT scanner, and intraoral imaging units strategically situated in the clinic, all digital with quality assurance and secure software controls
- Mini labs for appliance and prostheses adjustments
- A networked chairside software system that manages patient information, including digital imaging
- Seminar rooms that double as computer labs for student access to electronic patient records

To ensure the NBOHC’s continuing success as a dynamic and interactive learning environment for students and an exceptional clinical facility for patient care, the Adopt an Op Challenge is underway. In the lead-up to the anniversary year, the Adopt an Op Challenge provides an opportunity to support the next generation of oral health care professionals.

Here is how the Adopt an Op Challenge works:

Members of a class year, study club and/or regional association collectively contribute $25,000 to name an operatory in the Nobel Biocare Oral Health Centre. The average gift per person is $1,500. Individuals or corporations may name an operatory with a gift of $25,000. At present, there are 126 open operatories in the NBOHC and 37 are named. Of the 18 enclosed operatories, 14 are named.

Some recent Adopt an Op challenge-takers share why they chose to name a room or operatory in the NBOHC:

- "As a group, we wanted to honour the memory of our distinguished clinical faculty member who sadly passed away.” – Member, UBC Dentistry graduate periodontics alumni
- "Being in study club is not only a commitment to one’s professional development, but also a commitment to the education of the next generation of professionals.” – Member, Orthodontics Study Club
- "This was a perfect way for us to show our pride and loyalty to our dental school at UBC.” – Member, DMD Class of 1987

Interested in taking the Adopt an Op Challenge? For more information, contact Manuela Boscenco in the UBC Dentistry Development Office, at 604-822-6808 or manuela@dentistry.ubc.ca
Breaking Barriers—

ORAL HEALTH FOR EVERYONE

BY HEATHER CONN

A young man with Down’s syndrome from a working poor family lost four front upper teeth in a fight. After meeting with UBC Dentistry associate professor Mario Brondani at a Vancouver not-for-profit clinic, he received fixed porcelain replacements, rather than cheaper removable acrylic ones. It took a year for clinic staff to get a BC government subsidy to cover part of the price of the more expensive alternatives, but the extra cost was not passed on to the needy patient. “The smile on his face when we put in place his new teeth was amazing,” remembers Brondani.

Years after an annual cultural sensitivity undergraduate class in UBC Dentistry about sexual health, which Brondani organized, a former student, now a working dentist, came out to him as gay, using social media. “That made me so proud of the simple and small things I do that go beyond dentistry,” says the associate professor.

Such experiences have brought deep satisfaction to this Brazilian dentist, who strives to break down attitudinal barriers and stigma, especially toward marginalized people. He advocates for universal access to oral health care, regardless of income and educational levels, age, race, gender, sexual preference, language, nationality or culture.

Yet, Brondani believes that dental education in general has made little difference in changing views about low-income people, Aboriginals, refugees and immigrants who are HIV positive. In a 2013-2014 study funded by the Vancouver Foundation, he and co-investigators Leeann Donnelly, assistant professor in the UBC Dentistry faculty, and Paul Kerston of the Positive Living Society of BC discovered that these individuals still face considerable social stigma and don’t receive the oral health care they need. “Participants told us that as soon as HIV was brought up, the dentist didn’t have time to see them anymore or said ‘We can no longer see you.’”

Brondani uses the term “dual stigma,” or sometimes even “triple stigma,” when some dentists and dental hygienists resist treating people with HIV who also happen to be poor and/or have a mental illness.

Many people continue to think of HIV as solely a sexually transmitted “gay disease,” he says. As a result, those with HIV are often reluctant to reveal their status to a health care professional while presenting with oral diseases that are landmarks of an HIV infection.

In British Columbia, roughly 16,000 residents are HIV positive. Since a quarter of them don’t even know they’re carrying the virus until they’re tested, one promising solution is to provide HIV screening tests in dental settings, Brondani argues. He started
such a program in 2011 at the Mid-Main Community Health Centre on Vancouver’s east side—the first one ever in a Canadian dental clinic. He has now expanded it, with Dr. Donnelly, to the UBC dental hygiene program. This allows diagnosis by a knowledgeable provider who can refer the patient to proper care. In such a supportive environment, HIV patients are more likely to reveal their condition or seek treatment.

Brondani easily identifies the three biggest barriers to accessing oral health care for marginalized people:

- funding – limited government subsidies and out-of-pocket charges
- availability of services – dental offices in affluent neighbourhoods appear too intimidating or inaccessible
- social attitudes – stigma and discrimination prevent access to care

Many dentists are reluctant to see low-income patients, he says, because these people have little or no dental insurance or simply because they are stigmatized. Dentists might earn less treating such patients than they would otherwise, because the provincial government sets lower corresponding rates in its fee guide. Some dentists will charge the resulting difference to the patient. Although this sometimes might amount to as little as $10, for someone struggling to cover survival needs like food and shelter, this can put paying for oral health care out of reach. It simply becomes a low priority.

At the same time, if these low-income patients are sponsored by the federal or provincial government, the paperwork will take longer to process, which delays the dentist’s payment. This, in turn, gives dentists even fewer incentives to see dental patients sponsored by government, Brondani points out.

He explains how the BC government’s Healthy Kids Program, which helps low-income families with the costs of basic dental care, unwittingly closes doors to those it’s meant to serve. Many potential participants remain unaware of such programs. To enroll, they must have their taxes filed; yet, if their income is too low, they won’t pay taxes or get a refund, therefore, don’t file. As a result, fewer than 60 percent of eligible low-income families benefit.

Discriminatory attitudes are tough to tackle, but Brondani emphasizes that today’s generation of students is “quite savvy.” When he invited a transgendered pre-medical student to join him on a panel in this year’s sexual health class, students readily voiced their appreciation while in class, providing verbal thanks to the presenters. In all previous years, students only shared appreciation upon reflection or during course evaluations.

Within UBC Dentistry, Brondani focuses on three key research areas: dental geriatrics, dental public health and dental education. He coordinates the second-year Professionalism and Community Service (to be replaced by the Principles of Ethical Practice) module on dental geriatrics and leads sessions for both dentistry and dental hygiene students on HIV, sexual health and drug use and addiction.

After opening his dental office in Porto Alegre, Brazil, in 1994, Brondani began to do volunteer dental work every week at a nearby nursing home. He quickly learned the immense need for quality geriatric dentistry. In turn, his MSc in Gerontology was followed by a PhD in Dental Sciences from UBC (2002–2007), whereby he evaluated and refined an oral health model for older adults and examined the validity of dental psychometrics (quantitative methods that assess psychological trends in dentistry).
Recently, he has met with representatives from BC’s Seniors Advocate, a government office that opened last year, to discuss how, with organized dentistry, to make oral health care a higher priority.

Brondani recognizes the challenges that seniors face in receiving necessary dental treatments: “You don’t have a job. You have no benefits. And you still have teeth. Can you afford dentistry?”

His enthusiasm for dental public health and advocacy also began in Brazil in 1994. While in the army, he participated in oral health promotion in poor communities and questioned the practice of delivering services without properly assessing their effectiveness or impact. After moving to Canada’s west coast, he volunteered for Boys R Us, a Vancouver Coastal Health and AIDS Vancouver partnership for male sex-trade workers, and has overseen students working at the BC Persons With AIDS Society (now Positive Living Society of BC). He was also involved in creating Health Initiative for Men, a gay men’s health resource exchange program, and sat on the ethics board of Vancouver’s Community-Based Research Centre for Gay Men’s Health.

The Dental Public Health Graduate Program

A new combined UBC graduate program in dental public health, unique in Canada, draws on acting director Mario Brondani’s own educational experience at UBC. While pursuing a master’s degree in public health (he graduated in 2012), the UBC Dentistry associate professor drafted what would become this new degree-diploma program.

Dental hygiene and dentistry students can now receive a Master in Public Health degree, from UBC’s Faculty of Medicine School of Population and Public Health, combined with a diploma in Dental Public Health from the Faculty of Dentistry. Launched in the fall of 2014, this two-and-a-half-year program requires no thesis, unlike a Master of Science degree (such as the University of Toronto’s specialty training program leading to an MSc in Dental Public Health).

Brondani believes that a public health component in dentistry is crucial for students to graduate as informed and proactive professionals who lead and advocate in the field. Within dentistry, dental public health focuses on evidence-based practice and oral health promotion, as well as preventing and controlling oral diseases. Hence, research areas in the new program range from community-based health programs to policy and economic analysis and public health education.

One example of dental public health research is the relationship between HPV (human papillomavirus), oral sex and oral cancer. Brondani says: “More than a decade ago, reports showed an increase in oral cancer in young adults who didn’t drink or smoke or have genetic predispositions, but who were having multiple sexual partners.” As a result, he adds: “The need to educate the public and professionals was eminently clear.”

His own passion for public health policy and advocacy helped fuel the content of the new graduate program. In Brondani’s native Brazil, where he began as a dentist in 1994, dentistry is part of public health programs. Not so in North America. Therefore, since joining UBC Dentistry as a PhD student in 2002, as a faculty clinical professor in 2008 and on tenure track in 2010, he has strived to make oral health care, and equal access to it, priorities within local communities and government, both provincially and federally. Brondani is now a member of the policy and advocacy committee for the Canadian Association of Public Health Dentistry.

So it’s no surprise that within this new combined program, UBC Dentistry graduate students must read policy documents and write a “very concise, convincing and well-thought-out” brief on a public health issue. Issues can range from the cessation of smoking to water fluoridation and public safety. Students must show public health leadership not only by actively participating in organized dentistry, Brondani says, but also by defending and arguing a policy stance within an interdisciplinary group and critically assessing the scientific literature. For this degree program, students need a strong background in statistics.

While working in a community, whether at an inner-city school or public nursing home, students gain valuable experience assessing oral health care needs, developing and implementing policy, and providing and managing programs and services for special-needs patients, from seniors and intravenous drug users to immigrants and refugees. Students spend their last six months of the program in a practicum at a local, national or international organization; they can even return to their own province to contribute to their home community or region.

Then, instead of a thesis, they develop a major capstone project related to their practicum placement and receive encouragement to publish their project. This fast-paced, non-thesis project takes less than a year; by comparison, Master of Science research takes two years. Brondani emphasizes: “The curriculum is ingrained in critical thinking and evidence-based practice.”

Students also have elective courses so they can focus on a specific area. A current dental public health grad student, a dental hygienist with strong interest in Aboriginal oral health, has taken an elective course that allowed her to live and participate in a remote Aboriginal community for a few weeks. As part of another course, this student has worked on the development of an insurance data set at the Mid-Main Community Health Centre on Vancouver’s east side, which houses one of Canada’s largest not-for-profit dental clinics.
Look for previous UBC Dentistry family trees in the spring-summer 2014 and spring 2015 issues of Impressions magazine. Those depicted in this family tree provided consent for their school photo and name to be printed.
Six loyal donors to UBC Dentistry reflect on their connection to the Faculty and why they continue to give back. Continue reading to see how passion for community outreach and student learning inspire these donors to pay it forward to the next generation of oral health professionals. Thank you for your generosity and foresight.

Dr. Angelique Leung (DMD 1988) and Dr. Raymond Fong (DMD 1989)

The impact that UBC Dentistry had on Dr. Angelique Leung and Dr. Raymond Fong during their time as students has been lasting. Leung, who graduated from the DMD program in 1988, and Fong, who graduated in 1989, say they formed some of their most cherished friendships during their four years at dental school. And, they reminisce, “It was a privilege to be able to learn from so many instructors who were willing to share their experience with us. UBC Dentistry gave us a capacity of knowledge that is still a base for us to this present day.”

While they have fond recollections of their time at UBC Dentistry, Leung and Fong also look forward to how the dentistry profession will progress with a new generation of oral health care professionals. “Dentistry is all about taking care of people; first and foremost we have a duty to take care of our patients. But we have to take care of our profession too,” they say.

Fong and Leung share a passion for education and support a number of community outreach and learning initiatives at UBC Dentistry. Among these initiatives is their named enclosed operatory in the Nobel Biocare Oral Health Centre—a space that merges clinical education with patient care. Their generosity will continue to benefit the oral health care profession as students embark on their professional careers, bringing a depth of cutting-edge expertise gained at UBC Dentistry.

“Dentistry has long been regarded as a noble profession,” they remark. “Let’s all do our part to maintain that honour.”

Dr. Ash Varma (DMD 1983)

Dr. Ash Varma feels privileged to be part of a profession that has the ability to connect and help so many individuals. Varma, a graduate of the DMD 1983 class, reflects: “UBC Dentistry is where it all started for me. The Faculty has a lot of influence in this changing world, but core values and principles stay the same.”

Varma’s positive experience at dental school included being mentored by faculty members who taught him about professionalism and responsibility. He believes that when you are a dentist in the community, you are a leader. “We have a duty to the public to do what we can, where we can, when we can.”

Varma hopes that dental students will have the same positive experiences he had, and that their passion, energy and desire will drive them to get involved with the community. To this end, he supports community outreach programs at UBC Dentistry and an operatory in the Nobel Biocare Oral Health Centre. There, students are able to practise their clinical skills while helping patients who would not otherwise have access to care.

Being a leader is as much about gratitude to the community as it is about advocacy and responsibility, says Varma. His philanthropic viewpoint is simple: “You get back so much more than you give.”

Dr. Bhasker Thakore (DMD 1984) and Dr. Nimisha Mehta

Dr. Bhasker Thakore’s father, who was from the same state in India as Mahatma Gandhi, believed it was more important to give back to the community than to receive. Thakore, who graduated from UBC Dentistry’s DMD program in 1984, credits much of his altruistic spirit to his father’s philosophy. As a global citizen, Thakore remains committed to the culture and heritage of his family’s history.

Thakore and his wife Dr. Nimisha Mehta created the Bhasker Thakore and Nimisha Mehta Community Development Endowment Fund at UBC Dentistry to support community programs both locally and internationally. “Dentistry is a noble profession that can influence change,” Thakore says. “We have an obligation to improve oral health care and invest in education.”

Mehta and Thakore believe that dentists must continue to support initiatives that improve oral health care and that by doing so they help the profession advance and gain recognition. One such initiative funded by the endowment enabled marginalized populations in Southeast Asia to access oral health care. At the same time, UBC Dentistry students were given the unique opportunity to advance their knowledge of regional disease and understand the social and cultural determinants of health while providing care.

Thakore views learning as a journey that spans a lifetime. “Dentists are professionals who care for the community and do what is best for the public. We are in the best profession—one that can change lives and put pressure on the oral health community to incite positive change.”

Dr. Sunny Tatra (DMD 2003)

Six months before he was set to graduate, Dr. Sunny Tatra, a 2003 graduate of the UBC Faculty of Dentistry, dislocated his left shoulder. He returned to school on Monday morning with his arm in a sling, uncertain of how he was going to finish the remaining months of his dental degree. Tatra remembers how UBC Dentistry supported him during this difficult time: “Both the Faculty and my classmates helped me to make sure I could graduate, and most importantly, that my shoulder could heal.” Tatra still feels pain in his shoulder on cold days, or after performing long surgeries. But, he says, “The pain reminds me of all those who came to my aid during my time of need.” That experience showed him the spirit of UBC Dentistry and the importance of giving back.

Tatra gives back to UBC Dentistry in a variety of key areas, including student financial assistance, community outreach and student education. The Gurinder Singh Tatra Bursary helps alleviate some of the financial burdens faced by dental students. Also, his support of enclosed operators in the Nobel Biocare Oral Health Centre provides spaces that diversify student learning and use state-of-the-art technology to provide the best in patient care.

During his time as a dental student, Tatra came across many passionate mentors who showed him that dentistry is a profession beyond the classroom and clinic. “I’m fortunate to have a career in dentistry. After 12 years, I still look forward to meeting my patients each day and giving people a reason to smile.”
CLASS NOTES AND EVENTS
Share your news with classmates, faculty and friends. Look for reunion announcements and events for all alumni. Submit alumni stories and keep in touch at www.dentistry.ubc.ca/alumni

1970s

DMD 1971 REUNION
The DMD Class of 1971 is planning a 45-year reunion dinner to follow the Annual Alumni Reception at the 2016 Pacific Dental Conference. For information, email alumni@dentistry.ubc.ca

DMD AND DIP DH 1976 REUNIONS
The DMD and Dip DH classes of 1976 are each planning a 40-year reunion dinner to follow the Annual Alumni Reception at the 2016 Pacific Dental Conference. For information, email alumni@dentistry.ubc.ca

1980s

Richard Wilczek
DMD 1981
Richard is a proud grandfather of Eryk Jans Piekarski, born May 22, 2015.

DMD AND DIP DH 1981 REUNIONS
The DMD and Dip DH classes of 1981 are each planning a 35-year reunion dinner to follow the Annual Alumni Reception at the 2016 Pacific Dental Conference. For information, email alumni@dentistry.ubc.ca

1990s

DMD 1991 REUNION
The DMD Class of 1991 is planning a 25-year reunion dinner to follow the Annual Alumni Reception at the 2016 Pacific Dental Conference. For information, email alumni@dentistry.ubc.ca

2000s

Tom Roozendaal
DMD 2001
Tom and Bill Liang DMD 1983 dropped by to visit the UBC Dentistry booth at the Pacific Dental Conference last March.

PLANNING A REUNION?
For ideas, contact Alumni Engagement at alumni@dentistry.ubc.ca
DMD AND BDSc 2001 REUNIONS

The DMD and BDSc classes of 2001 are each planning a 15-year reunion dinner to follow the Annual Alumni Reception at the 2016 Pacific Dental Conference. For information, email alumni@dentistry.ubc.ca

Phoebe Tsang
DMD 2002

Phoebe will be receiving a Fellowship from the American College of Dentists. The honorific designation, by invitation, recognizes individuals who have contributed significantly to dentistry.

Jeremy King
DMD 2006

Jeremy has opened an oral maxillofacial surgery clinic in Victoria, BC. After graduating from UBC, he completed a general practice residency at Denver Health in Colorado, an oral surgery internship at Louisiana State University and an oral surgery residency at the University of Mississippi Medical Center.

Kevin Lauwers
DMD 2005

The DMD Class of 2005 held its 10-year reunion dinner at Al Porto Ristorante following the Annual Alumni Reception at the Pacific Dental Conference. Located in historic Gastown, the restaurant featured classic Italian charm and warm candlelight ambiance. The executive chef created a group menu that satisfied even the most discerning tastes, but it was the 17 reunited classmates that provided the true flavour of the evening. Surrounded by wood shelves full of beautiful wine bottles and barrels, we laughed, reminisced and hung out long into the night. The reunion dinner was punctuated by a visit from UBC Dentistry dean, Dr. Charles Schuler. Congratulations on 10 successful years—and here’s to 10 more!

DMD AND BDSc 2006 REUNIONS

The DMD and BDSc classes of 2006 are each planning a 10-year reunion dinner to follow the Annual Alumni Reception at the 2016 Pacific Dental Conference. For information, email alumni@dentistry.ubc.ca

Brenda Currie
Dip DH 1976
BDSc 2004
MSc 2007

Brenda created An Evening to Conquer Oral Cancer in 2012, and in its first three years the annual event raised more than $210,000. This year Brenda partnered with Dîner en Blanc party producers Tyson Villeneuve and Jordan Kallman to present Taste for Life. Celebrating the cherished sense of taste, something that can be lost to oral cancer, the party promised to elevate the traditional rubber-chicken dinner—and it did not disappoint. More than 300 guests filed into the Terminal City Club for the sold-out event, which raised $100,000 for the BC Cancer Agency’s Oral Cancer Prevention Program.

Kristyn and I were married on July 19, 2014—and a large contingent of the 2011 graduating class attended! I will be starting the University of Toronto’s dental anaesthesiology program this upcoming August.

Ellen Park
MSc/Dip Endo 2012

Ellen and Todd are pleased to announce the birth of their son Parker, born April 4, 2015.

Derek Decloux
DMD 2011

2010s

The DMD and BDSc classes of 2011 are each planning a five-year reunion dinner to follow the Annual Alumni Reception at the Pacific Dental Conference. For information, email alumni@dentistry.ubc.ca

Brenda and Todd are pleased to announce the birth of their son Parker, born April 4, 2015.

Baby Charlotte Ng is cradled in the arms of her proud parents, Carter and Cara Yu.
DMD AND BDSc 2015 REUNIONS
The DMD and BDSc classes of 2015 are each planning a one-year reunion dinner to follow the Annual Alumni Reception at the 2016 Pacific Dental Conference. For information, email alumni@dentistry.ubc.ca

Almost Alumni

Anastasios Rinquinha
Kevin Urness
DMD 2016

Kevin (seen on the left) and Anastasios, both in the Class of 2016, are enjoying the 2015 grad festivities at the top of Grouse Mountain.

Recent Events

Alumni Reception, New York

Christopher Low DMD 2014 (C), his wife Jennifer and Amro Foda DMD 2012, who all live in New York City, recently attended an alumni event on May 6, 2015, with UBC Dentistry dean, Dr. Charles Shuler.

Prince George Alumni CE & Reception

Lydia Naccarato DMD 1985 and Richard Wilczek DMD 1981 are seen with UBC Dentistry dean, Dr. Charles Shuler, following the Prince George Alumni CE & Reception on Sunday, April 12, 2015. Close to 100 people attended, and Dr. Shuler provided a CE presentation: Oral Cancer—Why Haven’t the Clinical Outcomes Improved?

Events for Students and Alumni

VOLUNTEER COMMUNITY CLINICS – UPCOMING
Abbotsford Food Bank (Abbotsford) September 12 (dental hygiene), October 3, November 21, 2015
Ray-Cam Co-operative Centre (Vancouver) October 24, 2015
Richmond General Hospital (Richmond) November 14, 2015
Steveston Japanese Canadian Cultural Centre (Richmond) September 26, 2015
Vancouver Native Health Society (Vancouver) August 22, September 19, October 10, November 14, 2015
Volunteer supervising dentists and dental hygienists can get updates at www.dentistry.ubc.ca/cvcp

DUS WELCOME BACK BBQ & YEARBOOK PICK-UP
Friday, September 11, 2015 · 5:30 pm
Student Lounge, John B. Macdonald Building UBC Point Grey Campus
For more information, email alumni@dentistry.ubc.ca

More Events for Alumni

CALGARY ALUMNI CE & RECEPTION
Thursday, September 24, 2015 · Registration, welcome drinks & complimentary dinner 5:45 - 6:15 pm · CE 6:15 - 7:15 pm · Tour 7:15 - 8 pm · CE 8 - 9 pm
Aurum Ceramic Dental Laboratories 115-17 Avenue SW, Calgary, AB
This evening is co-hosted by the Aurum Group and UBC Dentistry. Dr. Charles Shuler, dean of UBC Dentistry, will present a CE lecture titled, “Oral Cancer: Why Haven’t the Clinical Outcomes Improved?” There will be a tour of the Aurum Ceramic Dental Laboratories and Core3d milling centre, then Mike Brost, vice-president of sales for the Aurum Group, will present on the latest innovations in implant and restorative dentistry.

EDMONTON ALUMNI DINNER FOLLOWING NWDE 2015
Friday, September 25, 2015 · 7 – 9 pm
Location TBA
Join Dr. Charles Shuler, dean of UBC Dentistry, at an alumni dinner hosted by UBC Dentistry following the 2015 Northwest Dental Exposition.

NANAIMO ALUMNI CE & RECEPTION
Friday, October 2, 2015 · CE 6 – 7 pm · Reception 7 – 9:30 pm
Nanaimo Museum, Nanaimo, BC
Dr. Charles Shuler, dean of UBC Dentistry, to host CE lecture followed by an alumni reception.

VICTORIA ALUMNI CE & RECEPTION
Saturday, October 3, 2015 · CE 11 am – 12:30 pm · Lunch 12:45 – 2 pm
Oak Bay Beach Hotel, Victoria, BC
Dr. Charles Shuler, dean of UBC Dentistry, to host CE lecture followed by an alumni luncheon reception.
The alumni office at UBC Dentistry can help you stay connected with your fellow graduates, plan and promote reunions, and keep you informed of upcoming educational opportunities. To learn more, contact Rosemary Casson, manager, Alumni Engagement, at 604-822-6751 or alumni@dentistry.ubc.ca.

Stay connected to more than 2,700 alumni. Share your news, thoughts or comments. Visit www.dentistry.ubc.ca/alumni

ADD YOUR PIN TO UBC’S GLOBAL IMPACT MAP!
The Global Impact Map will visually capture UBC’s footprint in British Columbia, Canada and across the world. We invite alumni, students, staff, faculty, friends and partners of UBC to add a pin to the map, share your story and learn more about the global reach of the UBC community. What you share is completely up to you. Stake your UBC claim at www.ubc100.ca

SHARE
Send an alumni story or update for “Class Notes” to alumni@dentistry.ubc.ca
THANK YOU

Don Beeson DMD 2016 · Liora Berant DMD 2016 · Carlee Beuk DMD 2016 · Jaclyn Brassh DMD 2016 · James Chen DMD 2016 · Matthew Chin DMD 2016 · Melissa Erasmus DMD 2016 · Dr. Andrea Esteves MSc 1994 · Ashley Gill DMD 2016 · Samita Guha · Brian Hu DMD 2016 · Jay Lam DMD 2016 · Kelvin Leung DMD 2016 · Alexandra Moore DMD 2016 · Afarin Pahlavan DMD 2016 · Parisa Peshkandfar DMD 2016 · Tasso Rinquihna DMD 2016 · Victoria Rogoschesky DMD 2016 · Susan Schmitz · David Sweet OC DMD 1978 · Shunhau To · Kevin Urness DMD 2016 · Courtney Zieh DMD 2016

REUNION LEADERS

UBC ALUMNI ASSOCIATION ADVISORY COUNCIL
· Ed O'Brien DMD 1976

UBC DENTISTRY BOARD OF COUNSELLORS
· Richard Busse DMD 1986 · Dr. Kenneth Chow · Susan Chow DMD 1972 · Brenda Currie Dip DH 1976 BDSc 2004 · MSc 2007 · Mr. Craig Dewar · Asef Karim DMD 1999 · Carrie Krekoski BDS 2010 · Mark Kwon DMD 1997 · Ms. Winnie Leong · Mrs. Sophia Leung CM · Dr. Jin-Lian · Dr. Peter Lobb · Mr. Hyo Maier · Ms. Brenda Morris · Nick Seddon DMD 2006 · Dr. Chuck Slonecker · Mr. Ron Suh · Dr. Tim Tam · David Tobias DMD 1984 · Ash Varma DMD 1983 · Dr. Bill Wong · Benjamin Yeung DMD 1983 · Ron Zokol DMD 1974

VOLUNTEER CLINIC—VANCOUVER NATIVE HEALTH SOCIETY

VOLUNTEER COMMUNITY CLINIC PROGRAM—STUDENT LEADERS
· Carlee Beuk DMD 2016 · Morris Huang DMD 2017 · Dylan Olver DMD 2017 · Sheena Sachdeva DMD 2018

YOUNG ALUMNI & STUDENT PUB NIGHT AT THE PDC
· Nick Aytoglu DMD 2017 · Ashley Gill DMD 2016

Those listed with DMD or BDSc years from 2016 through 2018 following their names are candidates for graduation in the specified year. UBC Dentistry appreciates all who volunteered their time. We apologize if your name or event was missed.
DECEMBER 2015
5 (SATURDAY)
The Scary Aesthetic Zone: Achieving Success with Periodontal Plastic Surgery or Implants
Dr. Tassos Inanakis

12 (SATURDAY)
Lasers in Implant and Restorative Dentistry
Dr. Glenn van As

FEBRUARY 2016
1-5 (MONDAY – FRIDAY)
Adventure & Learn: Hawaii 2016
Illicit Drugs and the Dental Patient: What About All Those Drugs I Didn’t (Formally) Learn About in School?
Dr. Mark Donaldson

The Art of Dental Therapeutics: Patient Assessment, Drugs, Herbs and Interactions
Dr. Mark Donaldson

Contemporary Comprehensive Oral Care
Dr. Mike Racich

Diagnosis and Treatment of Common Oral Lesions
Dr. Charles Shuler

Location: Fairmont Orchid Resort, Waimea, Hawaii

18 – 20 (THURSDAY – SATURDAY)
Annual Ski Seminar at Whistler 2016
Posterior Restorations: Ceramic vs. Resin Composite
Dr. Ricardo Carvalho

Provisionalization to Maximize Aesthetics and Minimize Post-Delivery Mechanical Complications for Replacement of the Maxillary Implant Incisor
Dr. Matthew Illes

Interfaces in Adhesive Dentistry
Dr. Adriana Manso

Location: Four Seasons Resort, Whistler, BC

AUGUST 2016
European River Cruise 2016
Pre-Cruise Program in Prague, Czech Republic
8 – 11 (MONDAY – THURSDAY)
Oral Cancer: Why Haven’t the Clinical Outcomes Improved?
Dr. Charles Shuler

Oral Lesions: An Anatomic Approach to Differential Diagnosis
Dr. Charles Shuler

Medical Emergencies in Dentistry
Dr. Daniel A. Haas

The Romantic Danube Cruise
11 – 18 (THURSDAY – THURSDAY)
Seven nights cruising the Danube River from Vilshofen, Germany, to Budapest, Hungary

STUDY CLUBS 2015 - 2016
September 2015 - July 2016
Basic Orthodontics for the General Practitioner
Dr. Paul Witt

Advanced Orthodontics for the General Practitioner
Dr. Clement Lear

UBC-Radiant Advanced Orthodontics for the General Practitioner
Dr. Paul Witt

Advanced Fixed Prosthodontics for the General Practitioner
Dr. Chris Wyatt

For dates, times and locations of study clubs, visit www.dentistry.ubc.ca/cde

CDE PARTNERSHIP
September 2015 - June 2016
The AAID (American Academy of Implant Dentistry) Vancouver Maxicourse is a structured program consisting of 30 days of education over 10 months. For more information, visit www.vancouvermaxicourse.com

September 2015 - December 2015
Sea to Sky Dental-Ed provides sedation education for the whole dental team. For more information, visit www.dentaled.ca

FOR REGISTERED DENTAL HYGIENISTS AND CERTIFIED DENTAL ASSISTANTS
SEPTEMBER 2015
A Comprehensive Review of Local Anaesthesia for Dental Hygienists
26 - 27 (SATURDAY - SUNDAY)
Ms. Nancy Baly, Ms. Jodi Garofano, Ms. Ruth Lynn, Ms. Alma Pauw, Ms. Susan Schmitz, Dr. Erin Shave, Ms. Ellen Stradiotti, Ms. Ann Szeto, Ms. Linda Talbot

OCTOBER 2015
Improve your Clinical Skills for “Practising” CDA and Registered Dental Hygienists
24 (SATURDAY)
Ms. Sima Gandha, Ms. Sabina Reitzik

NOVEMBER 2015
Arestin®
Ms. Jody Field

Teens – What Their Mouths Are Telling You But They’re Not: Practical Information on Teen Health Issues
Ms. Susan Woodley

FOR FULL DETAILS OF CDE COURSES AND TO REGISTER VISIT DENTISTRY.UBC.CA/CDE ADA CERP
MARK YOUR CALENDARS!

CONTINUING DENTAL EDUCATION 2016

Adventure & Learn: Hawaii 2016
February 1 - 5, 2016 (Monday - Friday)

Annual Ski Seminar at Whistler 2016
February 18 - 20, 2016 (Thursday - Saturday)

European River Cruise 2016
Pre-Cruise Program in Prague
August 8 - 11 (Monday - Thursday)

The Romantic Danube Cruise
August 11 - 18 (Thursday - Thursday)

Dr. Richard V. Tucker Symposium 2016: Vancouver
September 30 - October 1, 2016
(Friday - Saturday)

For more details, see page 39 or visit www.dentistry.ubc.ca/cde

EVENTS FOR STUDENTS AND ALUMNI

Young Alumni & Student Reception
Pacific Dental Conference 2016
March 17, 2016 (Thursday)

MORE EVENTS FOR ALUMNI

Calgary Alumni CE & Reception
September 24, 2015 (Thursday)

Edmonton Alumni Dinner
Following NWDE 2015
September 25, 2015 (Friday)

Nanaimo Alumni CE & Reception
October 2, 2015 (Friday)

Victoria Alumni CE & Reception
October 3, 2015 (Saturday)

Alumni Wine Reception at the TODS Meeting
October 23, 2015 (Friday)

Annual Alumni Reception
Pacific Dental Conference 2016
March 18, 2016 (Friday)

For more information about these events, visit www.dentistry.ubc.ca/alumni or email alumni@dentistry.ubc.ca