Faculty of Dentistry PRESSIGNOS

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Canada Research Chair to Christopher Overall

CANADA RESEARCH CHAIRS
CHAIRES DE RECHERCHE DU CANADA

rofessor Chris Overall's research into the function of proteinases, specifically metalloproteinases, and the way they regulate cells and the immune system has earned him a Canada Research Chair, one of Canada's most prestigious awards. He earned one of 19 chairs allotted to UBC out of the first 199 offered across Canada and it was one of only two awarded to dental faculties nationwide.

Overall's research team recently discovered a new protein that acts in the body as a natural anti-inflammatory agent that may also be useful in developing new drugs to fight cancer and chronic inflammatory disease like periodontitis and arthritis. His work investigates a family of tissue and inflammatory enzymes that are produced by cells and act like molecular shears enabling cancer and inflammatory cells to move through the body. New research from his group could lead to new drugs to control or even prevent the progression of diseases including periodontitis, cancer, and arthritis.

"I am naturally very happy that our work is being recognized at the national level. Receiving this chair and the financial support accompanying it will greatly facilitate my team's ability to carry on this work and will enable me to spend more time on research activities at UBC," said Overall.

His laboratory is the only one in Canada—and one of only a few in the world—that is working in the new field of degradomics, which seeks to understand proteinase function by determining the substrate repertoire on a genome-wide scale.

Designed to build Canada's research capacity, the Canada Research Chairs program is investing \$900 million over five years to



establish 2,000 chairs in Canadian universities, their affiliated research institutes and hospitals. Appointment of the chairs is based on nominations from the universities.

Professor Christopher Overall in his lab.



Dean's Message

Hope Springs Eternal: Alumni from UBC and beyond

By Dr. Ed Yen

he ranking of a dental school does not just depend upon the glamour of a high tech clinic, the uniqueness of a PBL curriculum or the comprehensive approach of an integrated patient-centred clinical program. UBC ranks at a world class level in all three categories. The real litmus test is the reputation of alumni and alumni from other schools who are associated with the Faculty.

What does more to establish our reputation is having UBC graduates as leaders of the profession, teachers and researchers in academia, study club mentors, international speakers, and respected local family practitioners and specialists. In turn, the Faculty's reputation elevates or diminishes the reputation of our graduates.

Alumni have a tremendous opportunity to contribute to the profession. They can tell us how we did or did not contribute to their success in the real world. Every graduate is an expert on how the curriculum and the clinic program should be improved. The Faculty needs to hear the comments and especially values the proposed solutions.

Because UBC is a relatively young dental school most of the dentists in B.C. graduated from other schools. Notably, some of our most enthusiastic supporters, parttime instructors and donors are graduates from schools around the world. Their ties to UBC may have begun in brief continuing dental education courses.

Why should a graduate who hails from another school provide feedback to UBC? The answer lies in the process of how new graduates bring new blood and ideas into an ever growing and maturing profession. Graduates provide a limited pool of talented, bright, energetic and scientifically current clinicians. This pool is the main source of associates and purchasers of retiring practices. They are the prime group that will provide the retirement income for aging dentists. In the U.S., dentists are recruiting associates (and future partners) in the middle of the fourth year due to an impending shortage of graduates.

www.dentistry.ube.ca

Our part-time faculty_UBC alumni or otherwise_provide clinical supervision and also contribute to the quality of their future partners and buyers of practices. If these graduates appreciate high quality dental care then they will value joining or buying high quality practices at true market prices. If graduates are not trained in the latest techniques or the principles of optimal patient care then they will not understand the cost of obtaining a good practice.

Alumni decry the obsolescence and irrelevance of the old curriculum. The new curriculum and clinic system of UBC dental school provides hope.

Hope for better graduates than the fine graduates of the past. Hope for graduates who will provide leadership in the profession. Hope for members of the profession that their hard earned investments in their practices will be valued and realized into financial returns.

The Faculty thanks all of those "alumni" who have contributed their time, funds, comments and criticisms in order to help us strive for a better educational process.

We hope to see more and more of this support.

Clinic Impressions

he Sunrise Hotel used to be a place where people got their teeth punched out. Now it's where the needy will go to get their teeth fixed up thanks to **UBC** Dentistry's latest outreach effort.

A dental office will open in about a month on the main floor of the once-notorious Downtown Eastside hotel at 101 East Hastings. It was purchased two years ago by several government agencies and turned over to the nonprofit Portland Hotel Society.

The main floor has been converted from a dingy beer parlour to a dental office, the new home of Co-op radio and even a small cafe. There will be three chairs in the dental office which will be staffed by two dentists and two UBC dental students. It will handle up to 20 patients per day.

Dr. Christopher Zed, director of post graduate and external programs notes that, "It is through the tireless efforts of the Downtown Eastside community, in particular the Portland Hotel Society, that we are realizing this much needed facility. Their efforts to determine the needs of the people have allowed us to develop a program that focuses not only on service, which is clearly needed, but also on community education. At UBC Dentistry we have learned, through 32,000 patient visits a year, and through other community outreach initiatives, that the strength of a professional education is enhanced by as many real life experiences as possible."

The idea came about several years ago, when some Downtown Eastsiders went through training to get jobs in the service industry. Those with poor



Dr. Chris Zed and Jenny Kwan (MLA) across from the dental clinic at the Sunrise Hotel in Vancouver's Downtown Eastside.

dental hygiene found the going rough. "A smile is worth a thousand bucks," said Jenny Kwan, provincial minister of community development, cooperatives and volunteers. "Especially for [Downtown Eastside] residents who want to enter the hospitality industry and the tourism trade."

"You can have all the skills you want, but if you're not looking good, you're not going to get hired," reasoned Brody Williams who hopes to get \$2,000 worth of work done on his teeth.

The annual cost of running the dental clinic, close to \$400,000, will be paid by the provincial government. People on social assistance will receive free dental care.

The change in the building has transformed the corner it sits on. Two years ago, it was one of the grungiest spots in the Downtown Eastside. Now the main floor is filled with huge windows, which bring brightness and life to the streetscape.

The Irving Hotel was built in 1907 by Judge Arthur Wesley Vowell. Heritage consultant Don Luxton said it was a high-end hotel. Each room was equipped with a private bath, hot and

UBC Dentistry moves into **Notorious East Hastings** Hotel

cold running water and a telephone-a pretty big deal in 1907. Its fortunes declined

with the neighbourhood after the Second World War.

Dentistry and the Downtown Eastside may have changed since those early days but the needs have not. UBC Dentistry is proud to be part of this renaissance.

Painless Parker

It's fitting that the dental clinic went into the Sunrise, because in the 1910s it was the home to one of Vancouver's most famous dentists, Painless Parker. Painless Parker was both a person and a chain of dental offices along the west coast. He had several Vancouver locations. but the first one seems to have been in the Sunrise Hotel, which was then called the Irving Hotel.

Painless was guite a showman. He liked to wear the teeth he had extracted during the day on a necklace he strung around his neck. One day a week, he would go out on the sidewalk and invite passers-by to get some free dental work. This would inevitably bring a big crowd. His second-storey offices also had a big window, which gave the masses a front-row view of his painless methods. His motto was, "If it hurts, don't pay me."

Parts of this article were reprinted with permission from the Vancouver Sun.

Part-time Faculty Profile

From Gold Medal to Silver Screen



Dr. Kenji Shimizu in training.

r. Kenji Shimizu considers UBC his second home, since he has spent much of the last 29 years on campus. He began his long association with UBC as a science student in 1972. In 1979, when he was awarded the College of Dental Surgeons of B.C. Gold Medal upon graduating from the UBC Faculty of Dentistry, he was offered several opportunities. With Dean George Beagrie's recommendation, a position was reserved for him in the Ph.D. program in Orthodontics at the University of Toronto. At the same time, he was offered a position in the Ph.D. program in Pharmacology in the UBC Faculty of Medicine. "I hope I didn't disappoint Dean Beagrie and my pharmacology professors by declining these generous offers," says Kenji, "but I wanted to be a family dentist ever since I was seven years old."

In the fall of 1979, he felt homesick for UBC and visited the dental school where Dr. Bill Wood and Dr. Bill Richter invited him to join the part-time faculty. In January 1980, he was appointed as a clinical instructor in the division of prosthodontics in the Department of Restorative Dentistry, and he has been teaching at the dental school ever since. Over the past two decades, many changes have occurred in the organization and the curriculum of the dental school, and as a result, Kenji has gained valuable experience teaching a variety of preclinical and clinical courses, including fixed and removable prosthodontics, operative dentistry, oral diagnosis, patient screening, integrated care clinic, problem-based learning tutorials, and periodontics. He

reflects on the past with satisfaction and pride: "I feel a deep sense of loyalty, commitment, and appreciation to our dental school. I'm very grateful that my association with bright young dental students at UBC has helped me maintain my own enthusiasm for dentistry over the years, and has made me a better dentist."

Meanwhile, Kenji maintains a busy dental practice in Burnaby. He is also the dental consultant to two health insurance companies and the Trial Lawyers Association of British Columbia.

Although he has a busy schedule, Kenji finds time to spend with his family and friends. He looks forward to activities and vacations with his wife April and his children Andrea and Mark. Kenji is especially passionate about judo. As a competitor, he has won numerous regional and provincial championships. Now, he holds a second-degree black belt and coaches young judo enthusiasts, including his son Mark, who competes at the national level as a member of the B.C. Judo team.

Kenji has also developed an interest in acting. He has landed roles in several films and television shows including *X-Files, Super Dave's All-Stars,* and *Millennium.* In the action film *Crying Freeman,* he played a gangster who is killed by an arrow. In the romantic comedy *Beautiful Joe,* Kenji mud wrestled a beautiful young lady while Sharon Stone, as the hostess of the nightclub, provided a play-by-play commentary!

Kenji has found a balance between his professional responsibilities and an interesting and fulfilling personal life. "I'm very fortunate to have experienced a great deal of satisfaction from so many different facets of dentistry. I was always careful, however, not to let dentistry take over my life. I intend to experience many new and exciting adventures—professional and personal—in the years ahead."

International Impressions

Reflections from Vietnam

By Dr. Andrew H.F. Tsang

After two great years at Vancouver General Hospital, I was bound for Hanoi, Vietnam. In 1999, I received a grant from UBC Dentistry's S.Wah Leung fund to set up a mobile dental clinic for school children in Vietnam. And now, I have found work with a company that provides medical services and assistance to expatriates and travelers worldwide. The company has expanded into high-end dental clinics and currently I am based in Ho Chi Minh City.

In most ways it is a typical dental clinic offering a wide range of dental services. But it is atypical because of what we see. Our clientele is different. It is made up of people from every corner of the world. Many have unusual characters and histories and for some reason have ended up in Vietnam. Looking into their mouths gives us a glimpse of how dentistry is delivered around the world. As one of a few high-end clinics in the city, we often see a variety of unusual cases. I've been shocked about some of the "permanent restorations" from unusual metals and ceramics and odd filling materials.

Of course working in a developing country has its problems. We often deal with laboratory problems or equipment failures (but doesn't every clinic?) We can only shake our heads and use the phrase most expats use: "T.I.V." short for: This Is Vietnam. We also have to deal with language barriers with both locals and foreigners and the difficulty obtaining certain materials and equipment.

The dental scene is changing as rapidly as the rest of Vietnam. New clinics now offer services such as implants and orthodontics. However, there still is a need for the quality of dental care to reach Western standards. There is a great need for more educators to help advance the science of dentistry in Vietnam though more outsiders are coming. Recently, Dr. Ravi Shah as a representative of the IADR, visited and



Dr. Tsang visiting the dental school in Phnom Penh, Cambodia.

proposed a plan to foster dental research. We hope more individuals can share their expertise with the dental faculty in Vietnam.

Besides doing my clinical work, I am helping to set up a rotation in Saigon where residents in UBC's general practice residency program (GPR) will spend a week at the Institute of Oralmaxilofacial Surgery. I'm working with Chris Zed, who, in his capacity as director of postgraduate programs, is establishing international rotations for the GPR program. The experience will expose residents to health care delivery and

disease activity patterns in different parts of the world.

When people ask me why I choose to work in Vietnam, I tell them it is because it is more than just working. In 1997, when I first went to Vietnam for a holiday, I did not know what to expect. Many see Vietnam as a place of turmoil, hardship and suffering because of the country's past. The first impressions I had came from films about the war. But at the end of my trip in 1997, I fell for this place. It is the charm and hospitality of the people, the beauty of the culture and the excitement of this land that drew me back.

While riding my motorbike to work, I can't help but smile. There is always an amusing scene on the streets of Saigon. It may be a family of six traveling on one scooter or a fellow balancing two live pigs on his motorbike. I am fortunate to have experienced more than just working in Hanoi, Ho Chi Minh City and now Phnom Penh where I am currently on a locum. I don't know where I'm headed next, but I am always looking forward to the journey.

Andrew Tsang graduated from UBC Dentistry in 1997, was a GPR resident in 1998 and now resides and works in Vietnam.

C.E. Impressions Managing Oral Care for Older Adults

By Dr. Chris Wyatt



"Poor oral hygiene exacerbated by xerostomia predisposes older adults to pneumonia."









ental professionals need to know about managing oral care for older adults. A one-day continuing education course held in December at UBC covered dental initiatives in geriatrics developed by UBC Dentistry's ELDERS group: Elders Link with Dental Education, Research and Service. Drs. Michael MacEntee, Michele Williams, and Chris Wyatt from the ELDERS group, Dr. Lynn Beattie from UBC Faculty of Medicine, Dr. Asumen Kiyak from University of Washington Dentistry, and Ms. Lisa Enns, a dental hygienist with Vancouver & Richmond Health Region, presented information on oral care of independent and institutionalized older adults.

Successful aging is defined as a combination of physical health, high cognitive functioning, and active involvement within society. Disease is not part of the normal aging process, however many older adults suffer chronic disease and disabilities. Arthritis, senile dementia, and Parkinson's disease are chronic conditions that often result in institutionalization.

The link between systemic and oral conditions becomes of greater importance with age. For example, poor oral hygiene predisposes individuals to gingivitis, periodontitis, denture stomatitis, and caries. Periodontal disease has been associated with cardiovascular disease. Poor oral hygiene exacerbated by xerostomia predisposes older adults to pneumonia. Poor oral health often results in discomfort, poor dental aesthetics, bad breath, compromised mastication and nutrition, and combined almost inevitably leads to a decrease in quality of life.

Oral mucosal diseases are uncommon in older adults and when present are often a side effect of medications. Hence, when planning for dental treatment of older adults, it is important to thoroughly review their conditions and medications. Oral candidiasis is a common finding in older adults with poorly fitting dentures, xerostomia, topical



Missing maxillary teeth replaced by an acrylic removable partial denture.



Providing in-hospital dental care using portable equipment.

corticosteroid and tobacco use. Leukoplakias are common in older adults and can be found in all parts of the mouth. Since these white or mixed red and white lesions can be cancerous, they deserve special attention.

Older adults are retaining more teeth into old age; recent surveys in Vancouver found that 50% of long term care residents had some teeth remaining, usually with a maxillary denture. The use of acrylic removable partial dentures offer a simple, expedient, reversible, low cost solution for the replacement of missing teeth for hospitalized older adults. All removable dentures should be labeled with the resident's name to assist hospital staff with identification.

Dental professionals must work with health care providers. Patient care conferences offer an ideal opportunity for dental professionals to discuss the implementation of oral health plans with physicians, psychiatrists, nurses, dieticians, and family members. The provision of dental services for residents often involves consent for treatment from guardians, determining the best environment to provide services (dental office or portable equipment bedside), and the support of nursing staff to implement oral hygiene instructions.

Successful aging means that people will be able to live their later years with a greater sense of contentment, self determination and comfort. It is inevitable that some older adults will require care in a residential setting. As dental professionals, we need to better understand the physical and cognitive limitations of older adults. New models of providing oral care that better integrate dentistry within the medical model need to be considered in this context.

The ELDERS Group at UBC is working to explain and address many of the problems facing all of us as we age. ELDERS is attempting to provide a better understanding of the role of dentistry in a population of older adults soon to include one in every four Canadians. Additional information about the ELDERS group at the Faculty of Dentistry can be obtained at www.dentistry.ubc.ca/elder.



Linda Dobbie and Patty Scrase from Scotiabank with Orland Hoeber from UBC Dentistry.



Tom Robinson from DENTSPLY Canada with Barry Morley of Fine Arts Dental Laboratory.

Scotiabank **Business Plan Writer Unveiled**

UBC Dentistry and Scotiabank hosted the Pacific Dental Conference's corporate participants at the Annual Corporate Reception held on March 7. The reception was the kick-off event for the conference and we thank everyone for attending.

At the reception the new Scotiabank Business Plan Writer was unveiled. This practice management tool was developed by UBC Dentistry through a gift from Scotiabank to educate students and practitioners on how to develop a sound



Trying out the Scotiabank Business Plan Writer.

business plan. Try the first phase of the Scotiabank Practice Management Technology Program at www.businessplan.dentistry.ubc.ca starting May 1. The remaining phases of this program will be launched over the next two years and will include the Professional Assets Management System and the Efficiency Reporting System.

he Faculty of Dentistry would like to thank the following for their generous door prize donations.

v Creek Golf Course Furr

Mercedes Exan

an Pacific Hotel

Sage Bistro at the Leon and

Scotiabank

Univ ersity Golf Club

Whistler/Blac kcomb Corporate Club

Thea Koerner University Centre



ADSBC Children's Hospital Fundraising Weekend May 11-12, 2001 You can put a smile on every child in British Columbia...

Every year more children are admitted to the hospital for dentistry than for any other reason. Presently there is a wait time of up to seven months for hospital admission.

Ensuring the oral health of children is important. The creation of a UBC Professorship in Dentistry at BC's Children's Hospital, the generation of new research into paediatric dental issues and the ultimate implementation of a graduate specialty program in paediatric dentistry will significantly contribute to this goal.

The Association of Dental Surgeons of BC has undertaken a two-day event that includes fundraising activities. Our profession has the chance to really make a difference. Please help any way you can to make this dream come true.

Friday May 11 PRO-AM Golf Tournament and Dinner at Mayfair Lakes Gold Course

Saturday May 12 Continuing Education and Tooth Fairy Ball at the Fairmont Waterfront Hotel

You can help put a smile on every child in BC by supporting this special fundraiser.

Call Marilynne at the ADSBC at 714-5303 for more information.



Alumni Impressions

BUS

Alumni Reception

UBC dental alumni flooded the Crystal Pavilion at the Pan Pacific Hotel with enthusiasm for meeting and greeting classmates. The Annual Alumni Reception was held during the Pacific Dental Conference. A special thank you goes out to Bisco Canada for generously sponsoring the event and to all those alumni who attended. We look forward to this event each year, as it is a great opportunity to catch up with old friends and discover how our alumni are succeeding. A copy of the class photos that were taken at the reception will be sent to all members of the anniversary classes over the next few weeks. If you do not receive yours, please contact Rachel Watson at (604) 822-6807 or rachelwa@interchange.ubc.ca.





Class of 1971 (both photos)





Ron Suh, Bisco Dental Products (Canada) and Ed Yen, Dean of UBC Dentistry.





Class of 1981



Class of 1986



Class of 1991



Class of 1996

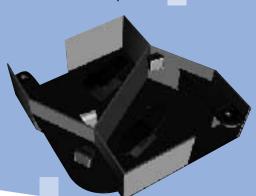


INNOVATORIES

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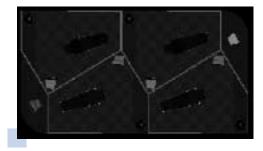
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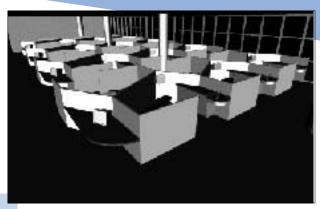
he Faculty of Dentistry is pleased to announce the receipt of the first major gift to support the construction of the new electronic dental clinic. Twinbit Japan Corporation has generously agreed to donate \$540,000, in partnership with a contribution from UBC, toward the new high tech dental operatories. A formal recognition ceremony for this gift will take place at the Canadian Embassy in Tokyo at the end of April. Stay tuned for further details about the new clinic and its campaign in the summer issue of Good Impressions.











Readers' Impressions

hanks to those who responded to our readers' survey. Congratulations to Dr. Paul Witt from Delta, B.C. who won a UBC T-shirt in a drawing among respondents.

We continue to welcome your feedback. You can still find the survey at www.dentisty.ubc.ca and look under Alumni.

Our Dental Family

Peak Performance: Required Reading

Dr. Lance Rucker does more than teaching and research in clinical dental ergonomics and operative dentistry. He also writes fiction. His latest mystery-suspense paperback, Intimate Falls, may be on its way to establishing him as one of the fastrising novelists of the new

millennium. At the very least, it has gotten him an invitation to the 2001 UBC Author's Reception with

UBC President Dr. Martha Piper and Kathleen Quinlan.

"It was supposed to have looked like a rock climbing accident. And to everyone but Brandon Drake that was exactly how it looked. And the murderer might have pulled it off if Drake hadn't been part of the investigation."

Part-time faculty member Dr. Bill Brymer, in a review of the book for a national magazine, called it "a page-turning mystery...impossible to put down." Autographed copies of the book are available at the publisher's web site www.lochenlode.com. Rucker's fans may enjoy a visit to his web site,

www.lancerucker.com.





Alan Lowe & co.

Milestones

Dr. Alan Lowe celebrated his 25th anniversary as a fulltime faculty member on March 1. He graduated from UBC with his DMD in '72, earned a PhD in Orthodontics from the University of Toronto in '76 and then joined the UBC faculty. Dr. Lowe continues to lead research in sleep apnea and has recently been nominated admission chair for the undergraduate program.

Awards

Dr. Marcia Boyd has won a Presidential Citation. At the annual meeting in Chicago of the American Dental **Education Association** (formerly the American Association of Dental Schools) a small group of individuals was singled out in recognition of their ongoing contributions to



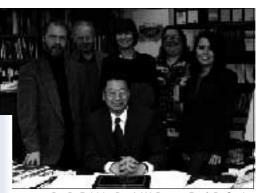
Marcia Boyd

dental education. This is the first time that the association has presented such citations and Dr. Marcia Boyd was the only woman and only Canadian in the group of ten recipients.

Dr. Colin Price and Dr. Michael MacEntee were awarded the Certificate of Merit by the College of Dental Surgeons of B.C. This honor recognizes special service to people who have given at least four years of service in such areas as college council and executive committee, as well as longstanding service at the component society, specialty society, or

Our Distance Education and Technology team placed second in the

convention level.



Dr. B. Priddy, Dr. A.W. Bates, Prof. B. Craig, Diane Janes, Anne-Rae, Dr. E. Yen

instructional computing in dentistry competitionworld wide web category for the oral pathology course. The American Dental **Educators Association** sponsored the competition. Our team was comprised of Dr. Bob Priddy and Prof. Bonnie Craig plus two people from UBC Distance Education and Technology.

Staff Update

The Dean's Office welcomes Sandra Rea as financial clerk. She hails from Microbiology.

Research and graduate studies coordinator and long-time restaurateur Vicki Koulouris and her husband Yanni have opened a new establishment.

Rumored to serve the best breakfasts in town. Dockers Grill is on Powell Street in Vancouver.

Wedding Bells

Fourth year student Eve Chen married Tommy Chan on June 19, 1999 in Ottawa. Tommy is specializing in anesthesiology at the University of Calgary.

Dr. Mario Sertic and Dr. Renate Simmons, both graduates of the DMD class of '99, were married on August 19, 2000. They met in the DMD program, and are currently practicing dentistry in the Lower Mainland.



file photo

Our Growing Family

Dr. Satoru Tsuiki, Dr. Lowe's postdoctoral student from Japan. and his wife Masami are the new parents of a baby girl named Yuko. She was born in Vancouver on November 23.

On March 7, Linda Gerow, Co-ordinator of Part-time Faculty, became the proud grandmother of a healthy baby girl named Madeline Grace.

Fourth year student Tom Roozendaal and his wife Tara Benham welcomed their baby daughter, Darcy Benham on March 20. Mother and baby are doing well, and the father is getting better with time.

Congratulations to all!

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Join Us

Design: Sophie Spiridonoff

Do you have any news? Send it to us!

May 1 ———— 11 - 12 ——	— Scotiabank Business Plan Writer launches at www.businessplan.dentistry.ubc.ca —Association of Dental Surgeons of BC Fundraising Weekend
June 22 - 24 —— 23 ———	— ACFD Biennial Conference, UBC Campus — Farewell to an Era: A Roast in Honor of Dr. Marcia Boyd
July 29 - Aug 5 —	—CDE: Travel & Learn in Alaska. Topic: Pulp Fiction/Pulp Fact: Adhesive Dentistry: Making it Stick
August	Without Making it Hurt, Dr. Charles Cox. Limited enrollment.
13-17	Cast Gold Restoration Course, Dr. Richard Tucker. Limited enrollment.