September 2016

Dear lifelong learner:

I am pleased to present the new 2016-2017 Continuing Dental Education course catalogue for the Dalhousie University Faculty of Dentistry. This year we have some exciting educational opportunities and I hope you will be able to join us for one or more of these courses over the next few months.

Our line-up of courses this year includes CDE courses at the Dalhousie Dentistry Homecoming on October 14-15, and five off-site courses: three are being held in New Brunswick and two in other locations in Nova Scotia. I am also pleased to announce that the Annual Bike and Learn will return this year for the 5th time in the same location, Santa Ynez, California.

This past year we introduced CE on the Dalhousie Dentistry Facebook Page. Be sure to watch for CE course updates and pictures from our courses. We also introduced a new online evaluation system for course participants. Thank you for your patience during the early days of the new system. We also appreciate all the valuable information you provided on your course evaluations. If you have any new ideas for future speakers and/or courses, please email me at catherine.lyle@dal.ca.

This year we will be piloting some virtual courses, both live webinars and pre-taped CE courses. If you have any ideas you would like to share, I would be delighted to hear from you.

Be sure to check out the course listings regularly on our website at www.dal.ca/dentistry/cde or follow us on Facebook at https://www.facebook.com/daldentistry/ for course updates and additional courses that might be added after our 2016/17 material has been published.

We thank our sponsors for their ongoing support of our CDE program, and you, our participants, for continuing to enroll in the courses we offer. We look forward to seeing you here!

With kind regards,

Catherine Lyle, Manager
Continuing Dental Education

Please display this catalogue in your office so that all members of your team have access to these continuing education opportunities.
CDE Course Catalogue

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OFFICE OF CONTINUING DENTAL EDUCATION
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Dr. Sachin Seth
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DISCLAIMER
Dental education institutions have an obligation to disseminate new knowledge related to the dental practice. In doing so, some presentations may include controversial materials or commercial references. Sponsorship of a Dalhousie continuing education course does not imply that Dalhousie University endorses a particular philosophy, procedure, or products.

Dalhousie University Faculty of Dentistry is a member of the Association for Continuing Dental Education

A portion of this program is being generously sponsored by an unrestricted educational grant from the ADEA Gies Foundation

Dalhousie University is a Smoke-Free Environment
CDE Dalhousie University Faculty of Dentistry

MISSION
To provide evidenced-based education and encourage lifelong learning in order to promote overall health.

VISION
• We will provide continuing dental education opportunities for our regional, national and international communities. We will focus on the evolving oral health needs in these communities.
• Our programs will be based on intellectual integrity, ethics and enthusiasm for scientific and professional activities.
• Our courses will be integral to promoting excellence at Dalhousie University.
• We will establish and foster active partnerships with the university, alumni and with external institutions.
• We will develop programs and resources that minimize our environmental impact.

WHAT’S NEW!
This year there is an expanded range of CDE opportunities to take advantage of as we strive to make more courses available to more people.

CDE courses in New Brunswick
Three sessions will take place in New Brunswick this year: one in October in Saint John, one in December in Moncton and one in February 2017 in Saint John, NB.

Homecoming – A day of CE
We are delighted to offer five half-day CDE courses. One of the courses is hands-on, with limited enrolment, so be sure to register early to ensure a place.

Pilot virtual course in Cape Breton
The CDE program plans to pilot a virtual CDE course in Cape Breton this winter. We hope to make more courses available to the dental community this way in the near future. Watch for details and dates.

Facebook
CDE is now on Facebook. Keep up to date with course listings, early bird registration deadlines, changes to course information, and photos of our events on the Dalhousie Dentistry Facebook page: www.facebook.com/daldentistry.
Upcoming Dentistry Alumni Events

For more information on these and other events, please visit:
www.dal.ca/dentistry or email alumni.dentistry@dal.ca

SEPTEMBER 24
Dr. Harold Brogan Memorial Golf Classic
Hammonds Plains, NS

OCTOBER 14
JD McLean Lecture
Halifax, NS

OCTOBER 14-15
Dentistry Homecoming CE Weekend
Halifax, NS

OCTOBER 15
Dentistry Alumni Dinner
Halifax, NS

OCTOBER 26
Alumni Lecture Series & Reception
Moncton, NB

OCTOBER 27
Alumni Lecture Series & Reception
Fredericton, NB

OCTOBER 28
Alumni Lecture Series & Reception
Saint John, NB

FEBRUARY 15
Dalhousie Alumni Award Nomination Deadline

MARCH 10
PDC Alumni Reception
Vancouver, BC

SPECIAL WINTER HOTEL RATES AT THE LORD NELSON HOTEL

The Lord Nelson Hotel is pleased to offer a rate of $99.00 plus tax per night between November 2016 and March 2017 to participants of the CDE Program.

To take advantage of this special rate, please let the hotel know you are registered for a Dalhousie CDE course when you make your reservation.

*Please note that this rate is for Classic Guestrooms only, is based on single/double occupancy, and is subject to availability.

To make your reservation, please call 1-800-565-2020 to speak to a reservation agent.
CDE 2016-2017 COURSES

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Beyond the Crime Scene Barrier Tape – The view from
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SATURDAY, OCTOBER 1, 2016

Peri-Implant Health and Complication Management: Diagnosis, Prevention, and Treatment of Peri-Implant Disease in the Dental Office

DR. MUNIB DERHALLI, BSc, DMD, MBA, MSc, FRCD(C)

PRESENTER BIO
Munib Derhalli attended Oregon State University and received his dental degree from Oregon Heath Sciences University. He later attended the University of Oklahoma Health Sciences Center where he completed a Masters of Science residency in periodontology. Dr. Derhalli is a Diplomate of the American Board of Periodontology and has written several papers focused on bone regeneration. He is an assistant professor in the postgraduate residency program in Periodontology at Oregon Health Sciences University School of Dentistry and maintains a private practice with a focus on periodontal plastic surgery and implant reconstruction in Vancouver, Washington.

COURSE DESCRIPTION
When dealing with peri-implant health, it is crucial to be accurate with the diagnosis and recognize complications. Prevention is the key to success, but it’s important to know what happens when it’s no longer preventable. In this course you will learn about peri-implant mucositis, peri-implantitis and cement induced peri-implantitis. You will also be taught how to manage complications when they arise.

COURSE OBJECTIVES
At the end of the program the clinician should be able to:

• Understand the clinical guidelines for the management of peri-implant health
• Recognize the characteristics of bone loss due to inappropriate occlusal forces as well as soft-tissue complications (mucosal/keratinized tissue)
• Treat the ailing implant

### Early Bird Deadline Date
Friday, September 9, 2016

### Registration Check-in
8:30 am

### Course Times
9:00 am to 4:00 pm

### CE Credits
6 hours of lecture

For course fee information, go to page 30
THURSDAY EVENINGS, OCTOBER 6 TO NOVEMBER 24, 2016

Mindfulness for Healthcare & Other Professionals: An 8-week Immersion in Self-care

DR. JOHN LOVAS, BSc, DDS, MSc, FRCD(C)

PRESENTER BIO
John Lovas obtained science and dental degrees from the University of Toronto, and oral pathology training at the University of Western Ontario. He has served as chief examiner in oral pathology for the Royal College of Dentists of Canada and as president of the Canadian Academy of Oral Pathology. Dr. Lovas was a full-time faculty member at the Faculty of Dentistry, Dalhousie University, teaching oral pathology and oral medicine since 1983, and serving as assistant dean for student affairs since 2009. He obtained teacher-training in mindfulness-based stress reduction (MBSR) at UMass Medical Center, the Omega Institute in New York and Rochester Medical School. For over ten years Dr. Lovas has taught mindfulness to dental and dental hygiene students, practitioners and staff.

COURSE OUTLINE
Working in healthcare, other professions and life in general is very stressful at times. Yet to truly enjoy life, and best serve our patients, clients, coworkers, families and society, we ourselves need to be healthy. Effective, regular self-care is not only sensible, but also a professional responsibility. Mindfulness – a universal, but underdeveloped way of relating both realistically and kindly to ourselves and the world – is becoming a well-recognized foundation of self-care.

This continuing education course is designed for healthcare and other professionals who spend an unhealthy portion of their life caring for everyone but themselves. The course provides a unique opportunity to learn about and experience a profoundly beneficial program of self-care practices.

Not simply a technique, mindfulness is a state of being “that emerges through paying attention on purpose, in the present moment, and nonjudgmentally to the unfolding of experience moment by moment.” (Kabat-Zinn) Mindfulness training “increases awareness of thoughts, emotions, and maladaptive ways of responding to stress, thereby helping participants learn to cope with stress in healthier, more effective ways.” (Bishop et al).

COURSE OBJECTIVES
Participants will learn and practise sitting meditation, walking meditation, qi gong breathing, standing meditation, and partake (voluntary) in discussions about integrating mindfulness into our professional and private lives.

LIMITED ENROLMENT: 20 participants

Early Bird Deadline Date
Monday, September 16, 2016

Registration Check-in
5:30 pm
(Light supper will be provided)

Course Times
6:00 pm to 8:00 pm

CE Credits
16 hours of lecture

For course fee information, go to page 30
CONTINUING DENTAL EDUCATION
COURSE CALENDAR

SATURDAY, OCTOBER 29, 2016

Digital, Implant & Traditional Removable Prosthodontics – New Choices for Patients

DR. ROBERT W. LONEY, DMD, MS
University of New Brunswick – Saint John Campus, Saint John, NB

PRESENTER BIO
Bob Loney is chair of the Department of Dental Clinic Sciences at Dalhousie University. He has produced open-access online teaching resources for prosthodontics. His YouTube video channel has over 750,000 views, and 5,000 subscribers in 150 countries. Dr. Loney was a recipient of the W. W. Wood Award for Excellence in Dental Education in 1992 and 2001 and the 3M-ESPE National Dentistry Teaching Award in 2003. He has lectured internationally.

COURSE OBJECTIVES
Removable prosthodontics is evolving as more patients keep their teeth longer and patients are living longer. Learn what’s new, how our philosophies have changed and how you can improve your success.

TOPICS
• Removable partial dentures (RPD) – Are they still needed?
• RPD design – Is there a standard?
• Implant retained RPDs
• Flexible dentures
• Esthetic options to cast RPDs
• Implant supported complete dentures – How many fixtures are needed?
• Digital CDs and RPDs

COURSE OBJECTIVES
• Provide evidence-based options for partially edentulous patients
• RPD design for hygiene and stress distribution
• Evaluate and prescribe alternatives to traditional clasp-retained RPDs
• Evaluate requirements for implants retaining complete dentures
• Understand evolving digital complete and partial dentures

Early Bird Deadline Date
Friday, October 7, 2016

Registration Check-in
8:30 am

Course Times
9:00 am to 4:00 pm

CE Credits
6 hours of lecture

For course fee information, go to page 30
CONTINUING DENTAL EDUCATION COURSE CALENDAR

SATURDAY, NOVEMBER 5, 2016

Endodontic Solutions: Strategies for Performing Endodontic Treatment Predictably, Profitably and Painlessly (lecture and hands-on course)

DR. GARY GLASSMAN

PRESENTER BIO
Gary Glassman graduated from the University of Toronto in 1984 and the endodontology program at Temple University in 1987. The author of over 125 published articles, Dr. Glassman lectures globally, is on staff at the University of Toronto and is adjunct professor and director of endodontic programming at UTech in Kingston, Jamaica. Dr. Glassman maintains a private practice in Toronto, Ontario.

COURSE OUTLINE
This one-day hands-on participation course addresses breakthrough concepts and covers the skills necessary for acquiring the expertise and confidence to perform the highest quality endodontics. As a participant in our program, you will become familiar with the use of the “apex last” approach to canal shaping with nickel-titanium instrumentation, using adaptive motion technology, predictable irrigation protocols using apical negative pressure, and vertical condensation of thermo-softened gutta percha using the continuous wave of vertical condensation.

COURSE OBJECTIVES
• How to assess the criteria for a successful endodontic procedure
• How to locate the apical constriction accurately
• Shape the root canal space using nickel-titanium instrumentation. A new multi-setting motor using adaptive motion technology will be introduced
• Remove the smear layer and biofilm using state of the art irrigation protocols
• Obturate the root canal system in 3-D to capture the natural anatomy with the continuous wave of condensation
• Use the advanced sonic capabilities of SonicFill to achieve efficient and reliable core build up

LIMITED ENROLMENT: 30 participants (for hands-on)

Early Bird Deadline Date
Friday, October 21, 2016

Registration Check-in
8:30 am

Course Times
9:00 am to 4:00 pm

CE Credits
3 hours of lecture
3 hours of hands-on

For course fee information, go to page 30
SATURDAY, NOVEMBER 19, 2016

Navigating The Maze of Current Implants and Restorative Materials

DR. MARK VALLÉE, BSc, MS, DDS, DP, FRCD(C) AND CHRISTIAN W. HALL, RDT, BComm
Old Orchard Inn, Wolfville, NS

PRESENTER BIO
Mark Vallée is an associate professor at Dalhousie University with the Faculty of Dentistry. He completed specialty training in prosthodontics at the University of Minnesota. Dr. Vallée currently teaches implant dentistry at Dalhousie and maintains his own private practice in prosthodontics, with a special interest in implant restorations.

Christian Hall is owner of Hallmark Dental Laboratory, a Halifax, Nova Scotia Dental Laboratory established by his parents over 35 years ago. He joined the Hallmark team in 1997 after graduating from Saint Mary's University with a bachelor of commerce degree. Christian's passion for innovation is evident in the numerous continuing education sessions he both attends and facilitates, including The Dawson Academy, LVI, Esthetic Alliance Implant Mentorship, Atlantic Implant Study Club, Pankey Learning Group and Seattle Study Club. He is a certified speaker with Noble Biocare and also speaks regularly to dentists and students on topics such as implants, esthetics and materials. He currently serves as president of the Nova Scotia Dental Technicians Association.

COURSE DESCRIPTION
This course outlines current conventional and dental implant restoration techniques and materials. General aspects of single implant therapy will be discussed as well as multiple implants and comprehensive treatments. Topics include:

• Choosing the appropriate implant
• Immediate temporization
• Impression techniques and materials
• Abutment choices and the use of multiple-unit abutments
• Single and multiple unit implant restorations
• Material choices for fixed and implant restorations

COURSE OBJECTIVES
At the end of this course, participants will have gained a better understanding of current conventional and implant restoration techniques and materials. They will also learn how to choose the correct implant and components to achieve the best possible outcome, and to make good material choices for conventional fixed restorations.

A portion of this program is being generously sponsored by an unrestricted educational grant from Hallmark Dental Laboratory, Nobel Biocare and Surgically Clean Air.
The Art and Science of Direct Esthetic Restorations

DR. CATHIA BERGERON, DMD, MS
University of Moncton, Moncton, NB (December 2) | Dalhousie University, Halifax, NS (December 3)

PRESENTER BIO
Cathia Bergeron is professor of operative dentistry at Laval University (Québec) where she also serves as dean. After her DMD, she obtained a certificate in operative dentistry and a MS degree from the University of Iowa in 1999. Dr. Bergeron maintains a university practice limited to operative dentistry, with a strong emphasis on aesthetic dentistry. Her primary interests are in the areas of esthetics, composite resins, dental adhesion and minimally invasive dentistry.

COURSE OUTLINE
This course is intended to improve your knowledge and skills when performing direct composite procedures. It combines lectures, live demonstrations and a hands-on experience.

OBJECTIVES: POSTERIOR RESTORATION
During this program, participants will learn how to place well-sealed, long-lasting posterior composites that replicate natural morphology.

• Use minimally invasive preparation designs
• Reduce gingival margin leakage by using a flowable resin in a snowplow technique
• Consistently achieve tight and properly contoured proximal contacts
• Form beautiful occlusal anatomy and reduce finishing time

OBJECTIVES: ANTERIOR RESTORATIONS
Participants will learn how to create natural looking restorations based on the optical properties of composite materials and tooth structure. Several clinical cases will be presented and participants will practise the polychromatic build-up in a large Class IV and will learn how to treat severely discoloured teeth.

• Understand colour parameters and choose composite resin shades to obtain the best possible colour match
• Prepare anterior teeth conservatively to facilitate blending of the composite into the natural tooth structure
• Place and layer composite resin with the help of a lingual matrix to consistently create natural looking anterior restorations
• Learn how the subtleties of contour, anatomy, texture and polish of natural teeth can be replicated in composite

LIMITED ENROLMENT: 24 participants

Early Bird Deadline Date
Thursday, November 10, 2016

Registration Check-in
8:30 am

Course Times
9:00 am to 4:00 pm

CE Credits
6 hours of hands-on

For course fee information, go to page 30
FRIDAY, DECEMBER 9 AND SATURDAY DECEMBER 10, 2016

A 2-Day Interactive Course on Treatment Planning in Implant Dentistry

DR. PIERRE–LUC MICHAUD, DMD, MSc, FRCD(C)

PRESENTER BIO

Pierre-Luc Michaud is an assistant professor of prosthodontics at Dalhousie Dentistry. He received his dental degree from Université de Montréal. He attended University of Toronto for a general practice residency program and completed his specialty residency in prosthodontics at the Université de Montréal. Dr. Michaud actively maintains a private practice in the Dalhousie faculty practice, where he covers all aspects of prosthodontics. He also is a fellow and examiner of the Royal College of Dentists of Canada and serves as a member of the Journal of Prosthetic Dentistry’s editorial review board.

COURSE DESCRIPTION

Throughout this two-day course, a wide array of cases will be presented to cover different scenarios of single and multiple missing teeth as well as fully edentulous patients. Working in groups, participants will discuss treatment planning for different cases that will be brought by the presenter and the participants. Participants are invited to provide case studies in advance for discussion at the course. The course will cover a variety of topics, such as:

• Treatment options and treatment planning
• Implant options – what to choose
• How to optimize esthetics
• Options for prosthetic design and choice of components
• Need for bone grafting
• Management of vertical space in totally edentulous patients

COURSE OBJECTIVES

Participants will:

• Understand how to create the ideal treatment plan in implant dentistry.
• Determine which are the best implant choices and components.

NOTE ON CASE SUBMISSION

Participants are highly encouraged to provide 1-2 cases in preparation for this course. Treatment plan options will be discussed for every case submitted. Digital pictures, X-rays and patient information, such as chief concerns and medical and dental history, can be submitted and casts brought to the course.

LIMITED ENROLMENT: 30 participants

Early Bird Deadline Date
Friday, November 18, 2016

Registration Check-in
8:30 am

Course Times
9:00 am to 4:00 pm

CE Credits
12 hours of lecture

For course fee information, go to page 30

CONTINUING DENTAL EDUCATION
COURSE CALENDAR
An Interactive Course on Treatment Planning for the Dental Hygienist

DR. STACEY MATHESON, BSc, DDS, MSc, DIP PERIO, FRCD(C)

PRESENTER BIO

Stacey Matheson is a full-time periodontist in Halifax, NS. She graduated with her DDS degree from Dalhousie University in 2000 and completed her MSc and diploma in periodontics at the University of British Columbia in 2003. She works in a private practice in Halifax. Dr. Matheson has taught in the undergraduate dentistry program in the Dalhousie University Faculty of Dentistry and is currently a lecturer in its graduate periodontics program. Prior to studying dentistry, Dr. Matheson worked as a dental assistant and a dental hygienist.

COURSE OUTLINE

This course is intended to help the hygienist examine the periodontal tissues of patients and to develop problem lists. The objective is to communicate patient periodontal problems to the dentist and help direct appropriate care. Cases will be used to help participants practise developing problem and solution lists. This is an interactive course and participants are welcome to provide cases in advance for discussion during the session. Mini-lectures will help to explain the rationale for treatment and form the basis for discussion of different treatment options for various patient problems.

COURSE OBJECTIVES

• Recognize various periodontal problems
• Generate a patient report card
• Generate a problem list
• Learn how to help the dentist write referral letters
• Determine when a referral is appropriate
• Develop a broader understanding of what treatment options are available to help in discussions with patients

NOTE ON CASE SUBMISSION

Participants are highly encouraged to provide one or two cases in preparation for this course. Selected cases will be included in the course, as time may not allow for the presentation of all. Digital pictures, X-rays, and patient information, such as chief concerns and medical and dental history, may be submitted.

LIMITED ENROLMENT: 30 participants
# Continuing Dental Education

September 2016 – August 2017

## Course Calendar

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<th>October</th>
<th>November</th>
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<td><strong>FRIDAY, OCTOBER 21, 2016</strong>&lt;br&gt;Dr. John Laba Memorial Dinner and Lecture&lt;br&gt;Grand Pré Winery, Le Caveau Restaurant, Wolfville, NS&lt;br&gt;For further information contact: Dr. Erin Hennessy 902.542.3386</td>
<td><strong>SATURDAY, OCTOBER 29, 2016</strong>&lt;br&gt;Saint John, NB, University of New Brunswick&lt;br&gt;Digital, Implant &amp; Traditional Removable Prosthodontics – New Choices for Patients&lt;br&gt;Presenter: Dr. Robert Loney&lt;br&gt;SPONSORED IN PART BY: HANSAMED AND SURGICALLY CLEAN AIR</td>
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<td><strong>SATURDAY, DECEMBER 3, 2016</strong>&lt;br&gt;Halifax, NS, Dalhousie University&lt;br&gt;The Art and Science of Direct Esthetic Restorations (Hands-on)&lt;br&gt;Presenter: Dr. Cathia Bergeron&lt;br&gt;Limited enrolment: 24 participants&lt;br&gt;SPONSORED IN PART BY: 3M ESPE</td>
<td><strong>FRI, DECEMBER 9 &amp; SAT, DECEMBER 10, 2016</strong>&lt;br&gt;A 2-day Interactive Course on Treatment Planning in Implant Dentistry&lt;br&gt;Presenter: Dr. Pierre-Luc Michaud&lt;br&gt;Limited enrolment: 30 participants</td>
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<td><strong>SATURDAY, DECEMBER 10, 2016</strong>&lt;br&gt;Dalhousie Agricultural Campus, Truro, NS&lt;br&gt;Topic: TBD&lt;br&gt;Presenter: TBD</td>
<td><strong>SATURDAY, DECEMBER 11, 2016</strong>&lt;br&gt;Endodontic Solutions: Strategies for Performing Painlessly (Lecture and Hands-on)&lt;br&gt;Presenter: Dr. Gary Glassman&lt;br&gt;Limited enrolment: 30 participants&lt;br&gt;SPONSORED IN PART BY: KERR</td>
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<td><strong>SATURDAY, FEBRUARY 11, 2017</strong>&lt;br&gt;UNB, Saint John Campus, Saint John, NB&lt;br&gt;Navigating the Maze of Current Implants and Restorative Materials&lt;br&gt;Presenters: Dr. Mark Vallée and Christian Hall&lt;br&gt;SPONSORED IN PART BY: NOBEL BIOCARE AND HALLMARK DENTAL LABORATORY</td>
<td><strong>SATURDAY, MARCH 4, 2017</strong>&lt;br&gt;Medical Emergencies Course (Lecture and Hands-on)&lt;br&gt;Presenters: Dr. Laurel Murphy and Dr. Chris Lee&lt;br&gt;Limited enrolment: 40 participants&lt;br&gt;SPONSORED IN PART BY: HANSAMED</td>
<td><strong>SATURDAY, MAY 6, 2017</strong>&lt;br&gt;Root Canals Done Faster: Best and Safer Practical Instrument and Obturate Canals (Hands-on)&lt;br&gt;Presenter: Dr. Manor Haas&lt;br&gt;Limited enrolment: 30 participants&lt;br&gt;SPONSORED IN PART BY: DENTSPLY SIRONA</td>
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<td><strong>SATURDAY, MARCH 18, 2017</strong>&lt;br&gt;UNB, Saint John Campus, Saint John, NB&lt;br&gt;Painlessly (Lecture and Hands-on)&lt;br&gt;Presenters: Dr. Ben Davis, Dr. Jean-Charles Doucet&lt;br&gt;SPONSORED IN PART BY: HANSAMED</td>
<td><strong>MON, APRIL 24 – SAT, APRIL 29, 2017</strong>&lt;br&gt;Santa Ynez, California, 5th Annual Bike and Learn: A Joint Medicine and Dentistry CE Program&lt;br&gt;For further information contact: Dr. Chad Robertson&lt;br&gt;SPONSORED IN PART BY: KLS MARTIN</td>
<td><strong>SATURDAY, MAY 27, 2017</strong>&lt;br&gt;Endodontic Treatment Predictably, Profitably and Painlessly (Lecture and Hands-on)&lt;br&gt;Presenter: Dr. Stacey Matheson&lt;br&gt;Limited enrolment: 30 participants&lt;br&gt;<strong>SATURDAY, OCTOBER 1, 2016</strong>&lt;br&gt;Endodontic Treatment Predictably, Profitably and Painlessly (Lecture and Hands-on)&lt;br&gt;Presenter: Dr. Stacey Matheson&lt;br&gt;Limited enrolment: 30 participants&lt;br&gt;<strong>SATURDAY, NOVEMBER 5, 2016</strong>&lt;br&gt;Endodontic Treatment Predictably, Profitably and Painlessly (Lecture and Hands-on)&lt;br&gt;Presenter: Dr. Stacey Matheson&lt;br&gt;Limited enrolment: 30 participants</td>
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Courses are held at Dalhousie University, Faculty of Dentistry unless otherwise noted in course information. For more detailed course information contact: Continuing Dental Education | Faculty of Dentistry | 5981 University Ave. | PO Box 15000 | Halifax, Nova Scotia B3H 4R2 | T: 902.494.1674 | F: 902.494.5101 | cde.dentistry@dal.ca | dal.ca/dentistry/cde
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<td>October 24, 2016</td>
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<td>Mindfulness for the Health Care &amp; Other Professionals: An 8-week Immersion in Self-Care</td>
<td>Presenter: Dr. John Lovas</td>
<td>Limited enrolment: 20 participants</td>
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<td>SATURDAY, NOVEMBER 19, 2016</td>
<td>Wolfville, NS, Old Orchard Inn</td>
<td>Navigating the Maze of Current Implants and Restorative Materials</td>
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<td>SATURDAY, NOVEMBER 19, 2016</td>
<td>Wolfville, NS, Old Orchard Inn</td>
<td>The Art and Science of Direct Esthetic Restorations (Hands-on)</td>
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<td>SATURDAY, NOVEMBER 19, 2016</td>
<td>Wolfville, NS, Old Orchard Inn</td>
<td>Endodontic Solutions: Strategies for Performing Endodontics</td>
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<td>Wolfville, NS, Old Orchard Inn</td>
<td>Prosthodontics – New Choices for Patients</td>
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<td>Wolfville, NS, Old Orchard Inn</td>
<td>Disease in the Dental Office</td>
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<td>SATURDAY, NOVEMBER 19, 2016</td>
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<td>Painlessly: Endodontic Treatment Predictably, Profitably and Safely</td>
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<td>SATURDAY, NOVEMBER 19, 2016</td>
<td>Wolfville, NS, Old Orchard Inn</td>
<td>Root Canals Done Faster: Best and Safer Practical Techniques for the Dentist</td>
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<td>Faculty of Dentistry CE Weekend</td>
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FRIDAY, JANUARY 27, 2017

An Evening of CE for Clinicians While Supporting Our Students’ Education

DENTISTRY STUDENT TABLE CLINICS
Student table clinics are brief (5-10 minute) oral presentations on areas of clinical application and techniques, or they can be basic science, research or oral health promotion. The table clinic exercise is a student-centered learning activity that is completed with the support of a faculty advisor. Students begin by selecting a topic they wish to present. They must thoroughly research their own topic and provide a critical analysis, conclusions and recommendations. Alternatively, students may conduct an original research project and present their results and conclusions. As part of their course requirements, students are required to present their topic on Student Table Clinics Night. The students can use display boards in their presentation. Clinical and research equipment and materials also may be displayed.

DENTAL HYGIENE STUDENT PROFESSIONAL PRESENTATIONS
Groups of 3 to 4 second-year dental hygiene students give short (15-20 minute) evidence-based presentations that are related to various aspects of the dental hygiene process of care. The content for the presentations has been researched by the students and evaluated by faculty and peers prior to presenting on January 27. A brochure summarizing key information will be provided to those who attend.

We would like to thank our many sponsors who help make our Student Table Clinic Night a success!

AGENDA
Registration: 4:45 pm to 6:00 pm
Presentations: 5:00 pm to 8:00 pm
Social Hour: 8:00 pm to 9:00 pm
Awards: 9:00 pm to 9:45 pm

Start
5:00 pm

Presentation Times
5:00 to 8:00 pm

Location
Dalhousie University, Faculty of Dentistry and Collaborative Health Education Building

CE Credits
2 hours. (To receive CE credits you must sign-in at the registration desk by 6:00 pm).

Fee: Free of charge
SUNDAY, JANUARY 29, 2017


DR. SAYED M. MIRBOD, BEng, MEng, DDS, MDent(PERIO), FRCD(C)

PRESENTER BIO

Sayed Mirbod attended the University of Toronto where he earned bachelor and master degrees in chemical engineering. He then went on to study dentistry at the University of Western Ontario, graduating in 1993. After practising general dentistry for six years, he returned to the University of Manitoba and completed the specialty periodontics program. He is past president of the Canadian Academy of Periodontology and the Atlantic Society of Periodontists and a fellow of the Royal College of Dentists of Canada.

Dr. Mirbod specializes in the management of hard and soft tissues surrounding the teeth and performs surgical procedures, such as crown lengthening, soft tissue grafts, bone grafts, implant placement and biopsies. He practises in Halifax, Bridgewater, and Yarmouth and is a partner at Park Lane Dental Specialists. In addition to a busy practice schedule, Dr. Mirbod enjoys teaching in the undergraduate and graduate periodontal programs at Dalhousie University where he is an associate professor.

COURSE OUTLINE

• Update on periodontal disease recognition, diagnosis and treatment planning
• Update on treatment, including debridement, various pocket reduction surgical therapies and laser-assisted treatment
• Understanding attached gingiva as it relates to restorative dentistry and orthodontics
• Discussion of when to treat gingival insufficiency as well as various modalities to accomplish this objective
• Biologic width as it relates to restorative dentistry and how to avoid inflammation around crown and bridge work
• Update on periodontal disease and its effect on implants and the best ways to avoid peri-implantitis
• Treatment of peri-implant inflammation and bone loss

COURSE OBJECTIVES

• To introduce proper methods for periodontal examination, diagnosis, and treatment planning
• To cover new and traditional methods for dealing with periodontal disease, recession and inflammation around implants
• To discuss the interactions between periodontics and restorative dentistry

A portion of this program is being generously sponsored by an unrestricted educational grant from Nobel Biocare and Surgically Clean Air.
CONTINUING DENTAL EDUCATION
COURSE CALENDAR

SATURDAY, FEBRUARY 11, 2017

Navigating The Maze of Current Implants and Restorative Materials

DR. MARK VALLÉE, BSc, MS, DDS, DP, FRCD(C) AND CHRISTIAN W. HALL, RDT, BComm
University of New Brunswick, Saint John Campus, Saint John, NB

PRESENTER BIO

Mark Vallée is an associate professor at Dalhousie University with the Faculty of Dentistry. He completed specialty training in prosthodontics at the University of Minnesota. Dr. Vallée currently teaches implant dentistry at Dalhousie and maintains his own private practice in prosthodontics, with a special interest in implant restorations.

Christian Hall is owner of Hallmark Dental Laboratory, a Halifax, Nova Scotia Dental Laboratory established by his parents over 35 years ago. He joined the Hallmark team in 1997 after graduating from Saint Mary’s University with a bachelor of commerce degree. Christian’s passion for innovation is evident in the numerous continuing education sessions he both attends and facilitates, including The Dawson Academy, LVI, Esthetic Alliance Implant Mentorship, Atlantic Implant Study Club, Pankey Learning Group and Seattle Study Club. He is a certified speaker with Noble Biocare and also speaks regularly to dentists and students on topics including implants, esthetics and materials. He currently serves as president of the Nova Scotia Dental Technicians Association.

COURSE DESCRIPTION

This course will outline current conventional and dental implant restoration techniques and materials. General aspects of single implant therapy will be discussed as well as multiple implants and comprehensive treatments. Topics include:

• Choosing the appropriate implant
• Immediate temporization
• Impression techniques and materials
• Abutment choices and the use of multiple-unit abutments
• Single and multiple unit implant restorations
• Material choices for fixed and implant restorations

COURSE OBJECTIVES

At the end of this course, participants will have gained a better understanding of current conventional and implant restoration techniques and materials. They will also learn how to choose the correct implant and components to achieve the best possible outcome, and to make good material choices for conventional fixed restorations.

A portion of this program is being generously sponsored by an unrestricted educational grant from Hallmark Dental Laboratory and Nobel Biocare.

Early Bird Deadline Date
Friday, January 21, 2017

Registration Check-in
8:30 am

Course Times
9:00 am to 4:00 pm

CE Credits
6 hours of lecture

For course fee information, go to page 30

T: 902.494.1674 | F: 902.494.5101 | cde.dentistry@dal.ca | dal.ca/dentistry/cde
SUNDAY, MARCH 5, 2017

Medical Emergencies (lecture and hands-on)

DR. LAUREL MURPHY, MD, FRCPC, DR. CHRIS LEE, DDS, MSc, GPR AND DARRYL CHICKNESS, CCP(F)

PRESENTER BIOS
Laurel Murphy practises as an emergency physician at the Halifax Infirmary. She completed medical school at the University of Toronto and residency training in emergency medicine at Dalhousie University. She is currently completing a fellowship in Critical Care Medicine, also at Dalhousie.

Chris Lee completed a MSc in pharmacology at the University of Ottawa before attending dental school at Dalhousie University. He completed a general practice residency program at Vancouver General Hospital and he practised in Ottawa before returning to Nova Scotia to design and implement a GPR program at the Faculty of Dentistry and run the emergency dental clinic. He is a consultant to the National Dental Examining Board of Canada.

Darryl Chickness is a critical care flight paramedic with air and ground ambulance and emergency department experience. He is co-owner of Frontline Medical Training and Consulting Inc., which specializes in advanced education programs, such as Advanced Cardiac Life Support, Pediatric Advanced Life Support and trauma programs. In 2005, Chickness founded a medical charity called Bandage International, which provides education to the general public and hospitals so that they can be self-sustainable and treat their own.

COURSE OUTLINE
Medical emergencies can happen anywhere, and all dental professionals should be able to recognize and manage many common scenarios. This course is designed to give the entire dental team the knowledge and skills to approach medical emergencies that could occur in your practice. A unique feature of the course is the opportunity for hands-on training using simulators.

COURSE OBJECTIVES
Participants will learn how to prevent, recognize, and manage emergency situations:

• Get tips on interpreting medical tests and analyzing medical records
• Review relevant drugs and their interactions
• Emergency equipment you should have in your office
• Review normal and abnormal vital signs, and features of common emergencies
• Hands-on practice with emergency equipment
• Simulator-based learning of high-yield scenarios

Attendees should be knowledgeable in basic CPR.

LIMITED ENROLMENT: 30 participants

A portion of this program is being generously sponsored by an unrestricted educational grant from HANSAmed Limited.

Early Bird Deadline Date
Friday, February 10, 2017

Registration Check-in
8:30 am

Course Times
9:00 am to 4:00 pm

CE Credits
3 hours of lecture
3 hours of hands-on

For course fee information, go to page 30
SATURDAY, MARCH 25, 2017

Occlusion in Removable Prosthodontics (lecture and hands-on)

DR. TANYA COOK, BSc, DDS, MASc, DIP PROS, FRCD (C) & DR. ROBERT W. LONEY, DMD, MS

PRESENTER BIOS

Tanya Cook is a certified specialist in prosthodontics. She obtained her DDS degree and prosthodontics specialty from Dalhousie University and then pursued a general practice residency at the University of British Columbia. Dr. Cook is currently in prosthodontic practice in Halifax and Truro, where she specializes in complex prosthodontic rehabilitation in the areas of implant fixed and removable prosthodontics. Dr. Cook is a fellow and examiner for the RCDC and teaches part-time.

Bob Loney is the chair of the Department of Dental Clinic Sciences at Dalhousie University. He has produced open-access online teaching resources for prosthodontics and his YouTube video channel has over 750,000 views and 5,000 subscribers in 150 countries. Dr. Loney received the W. W. Wood Award for Excellence in Dental Education in 1992 and 2001, and the 3M ESPE National Dentistry Teaching Award in 2003. He has lectured internationally.

COURSE OUTLINE

When dealing with denture occlusion, it is crucial that the practitioner be able to choose the appropriate occlusal scheme for the clinical situation presented. This course will present appropriate denture occlusal schemes for various situations, including removable and complete prosthodontics. For the hands-on portion, participants will be given a complete denture wax try-in, and will be required to make necessary changes in the tooth setup for proper aesthetics and occlusion. Given a completed wax try-in, the participant will understand how to balance the complete denture occlusion prior to processing in the laboratory.

COURSE OBJECTIVES

At the end of the program, the participant should be able to:

• Identify the appropriate occlusal scheme for a given clinical situation
• Determine if a complete denture occlusion is acceptable and make required corrections
• Be able to adjust or prescribe appropriate corrections needed in tooth position at the wax try-in stage for proper aesthetics and occlusion
• Be comfortable with achieving a balanced lingualized occlusion at the wax try-in stage for a complete denture patient

LIMITED ENROLMENT: 20 participants (hands-on)

A portion of this program is being generously sponsored by an unrestricted educational grant from Surgically Clean Air.
SATURDAY, APRIL 8, 2017

Success and Preparation for Special Needs Patients ....plus Treating Patients with Autism

KAREN RAPOSA, RDH, MBA

PRESENTER BIO
Karen A. Raposa is currently the clinical education manager at Hu-Friedy Manufacturing Company. She has written articles on a variety of dental subjects and has co-edited a textbook titled Treating the Dental Patient with a Developmental Disorder. Karen also has extensive experience in the academic world as a former assistant professor in Boston University’s Department of General Dentistry. In 2013, Dental Products Reports named her one of the “Top 25 Women in Dentistry”.

COURSE OUTLINE
This course covers the steps a practitioner can take to help guide patients with special needs for successful treatment in a dental setting. Materials and guidelines for families and pre-visit patient information will be discussed. A review specific to the patient with Autism Spectrum Disorder (ASD) and questions to help assess the patient’s abilities will be explored, along with techniques for treatment and a review of technology and creative opportunities.

COURSE OBJECTIVES
Participants will learn how to:
- Assess a patient’s abilities prior to the first dental visit
- Learn steps to help families prepare for dental visits
- Establish and review techniques for treatment that encompass creativity and the latest in technology
- Understand Autism Spectrum Disorder
- Incorporate patients with special needs into a typical practice

Early Bird Deadline Date
Friday, March 17, 2017

Registration Check-in 8:30 am

Course Times
9:00 am to 3:00 pm lecture

CE Credits
5 hours of lecture

For course fee information, go to page 30

A portion of this program is being generously sponsored by an unrestricted educational grant from Phillips Sonicare and Surgically Clean Air.
CONTINUING DENTAL EDUCATION
COURSE CALENDAR

MONDAY, APRIL 24 TO SATURDAY, APRIL 29, 2017

5th Annual Bike and Learn: A Joint Medicine and Dentistry CE Program (Santa Ynez, California)

COURSE DIRECTOR: CHAD ROBERTSON, DDS, MD, MSc, FRCD(C)

COURSE OUTLINE
For those passionate about cycling, we are very excited to offer this unique continuing education course for dental and medical professionals. This program combines cycling in one of North America’s premier cycling locations with practical education sessions. The program includes five days of cycling and four evenings of CE.

The topic of discussion varies each evening. The evenings begin with a presentation from an expert in the respective area followed by a group discussion regarding the topic. This will allow participants to obtain input from the expert and other participants on challenges they may have faced in their own practice.

Due to popular demand, the program will be returning to Santa Ynez, California, for the fifth consecutive year for the cycling. We have once again teamed up with Carmichael Training Systems, a group of world class cycling coaches for professional and amateur athletes. Each participant will ride with a power meter and meet with their coach daily to analyze their power data. The coaches will also provide lunch hour presentations on training and nutrition. The coaches at Carmichael will help improve your cycling no matter what your level of experience is. People of all levels of cycling experience are welcome.

Santa Ynez is located 45 minutes north of Santa Barbara. This beautiful area features quiet valley roads and challenging climbs, the perfect setting for a cycling camp. The final day of riding features a climb up Mount Figueroa. This area is a popular location for spring training camps for pro teams, and it is a prominent feature in the Tour of California.

LIMITED ENROLMENT: 25 participants

Register early to guarantee a space

Price Includes
Accommodations, ground transportation in California, meals, cycling and CE course fee (Airfare is not included)

CE Credits
12 hours of lecture

For course fee information, go to page 30
SATURDAY, MAY 6, 2017

Root Canals Done Faster, Better and Safer: A Practical Course for GPs (lecture) and Locate, Instrument and Obturate Canals (hands-on)

DR. MANOR HAAS, DDS, CERT ENDO

PRESENTER BIO
Manor Haas is a certified specialist in endodontics and is extensively involved in continuing dental education. He is a fellow of the Royal College of Dentists of Canada and on staff at the University of Toronto Faculty of Dentistry and the Hospital for Sick Children. He maintains a full-time private practice in endodontics and microsurgery in Toronto. Dr. Haas has presented to numerous dental organizations on nearly all aspects of modern endodontics. He regularly contributes to dental journals in print and online. He has no financial or proprietary interests in any endodontic instrument or company.

COURSE OBJECTIVES
Lecture session: Root Canals Done Faster, Better and Safer: A practical course for GPs
Tailored to both novice and experienced dentists, this course is practical and engaging and shows how endo has become less stressful and more predictable.

• locate canals (including MB2) more efficiently, instrument and obturate with fewer steps, and carry out one vs two-step root canals
• access teeth, locate and instrument calcified canals, follow canal curvatures, anesthetize (hot) teeth, and improve intra-canal medications
• separate fewer files, prevent perforations, avoid canal ledging/blocking, prevent obturation extrusion, reduce post-op pain

Hands-on session: Locate, Instrument and Obturate Canals

• locate and negotiate calcified and curved canals (including MB2) using new techniques and instruments
• obturate the workshop's instrumented teeth in 3D, predictably and efficiently

Note to participants: You will be required to bring at least three previously accessed, but not instrumented, extracted teeth stored in 1:10 bleach. Please bring a lab coat to this course.

LIMITED ENROLMENT: 30 participants (hands-on)

Early Bird Deadline Date
Friday, April 14, 2017

Registration Check-in
8:30 am

Course Times
9:00 am to 4:00 pm lecture

CE Credits
3 hours of lecture
3 hours of hands-on

For course fee information, go to page 30
THURSDAY, MAY 11 TO SUNDAY, MAY 14, 2017

Local Anesthesia for the Dental Hygienist
(lecture and hands-on course)

DR. BEN DAVIS, DDS, FRCD(C), DR. JEAN-CHARLES DOUCET, DMD, MD, MSc, FRCD(C)
AND DR. JAMES BRADY, BSc, DDS, MSc

PRESENTER BIOS

Ben Davis finished his oral and maxillofacial surgery training at the University of Toronto and then completed fellowship training at Dalhousie. He is currently associate professor and head of the division of oral and maxillofacial surgery at Dalhousie. Dr. Davis is an examiner for the Royal College of Dentists of Canada and is on active staff at the QE II Health Sciences Centre and consulting staff at the IWK Health Centre. Dr. Davis's interests include pain management, TMJ surgery, trauma, and facial reconstruction.

Jean-Charles Doucet completed his DMD degree at the University of Montreal, followed by a general practice residency at Notre-Dame Hospital, Montreal. He obtained his MSc in oral and maxillofacial surgery and his MD from Dalhousie University. He completed a cleft craniofacial fellowship at the University of Montpellier-1, France. He recently joined the staff at the QE II Health Sciences Centre and IWK Health Centre. He is also a professor of the division of oral and maxillofacial surgery at Dalhousie.

James Brady completed his DDS degree at Dalhousie University, followed by the GPR program at the University of Western Ontario, and the six-year MD/MSc in OMFS at Dalhousie. He pursued advanced training in trauma, and cleft lip and palate surgery in Glasgow, Scotland. Dr. Brady has a wide scope of practice, including dentoalveolar, trauma, orthognathic, pathology, and TMJ surgery, and he teaches at the Dalhousie University Faculty of Dentistry where he is a part-time faculty member in the OMFS department. Dr. Brady is a fellow of the Royal College of Dentists, a member of the Canadian Dental Association, the Canadian Association of Oral and Maxillofacial Surgeons, and the Halifax County Dental Society, and he is registered with the General Medical Council in the UK.

COURSE OUTLINE

This four-day course will provide dental hygienists with both didactic and clinical hands-on training in the administration of local anesthesia. The didactic lectures will cover the following topics:

• Neurophysiology of pain
• Mechanism of nerve blockade
• Assessing patients for local anesthesia
• Pharmacology of local anesthetics
• Pharmacology of vasoconstrictors
• Calculating doses administered
CONTINUING DENTAL EDUCATION

COURSE CALENDAR

- Armamentarium
- Local and systemic complications of local anesthesia and their management
- Basic maxillary local anesthesia techniques
- Basic mandibular local anesthesia techniques
- Local anesthesia failures and their management

ADVANCED LOCAL ANESTHESIA TECHNIQUES
PRE-COURSE
Two months prior to the course, the lecture material and a “self-assessment” quiz will be distributed electronically to all participants to allow for self-directed learning.

COURSE OBJECTIVES
Upon completion of this course, participants should have an appreciation of the necessary basic knowledge:

- In medicine, anatomy, physiology, pharmacology for the successful administration of local anesthesia for the dental hygiene patient
- The clinical hands-on training will allow participants to learn basic maxillary and mandibular local anesthesia techniques by performing on fellow course participants under local anesthesia

LIMITED ENROLMENT: 34 participants

Registration Closes
Friday, January 28, 2017

Registration Check-in
Thursday, May 11, 2017

Course Times
Thursday, May 11
4:30 pm to 8:30 pm

Friday, May 12
8:30 am to 5:00 pm

Saturday, May 13
8:30 am to 5:00 pm

Sunday, May 14
8:30 am to 3:30 pm

A continental breakfast, lunch and/or light supper will be provided.

CE Credits
16 hours of lecture and 13 hours of hands-on

For course fee information, go to page 30
CONTINUING DENTAL EDUCATION
COURSE CALENDAR

SATURDAY, MAY 27, 2017

Behind the Crime Scene Barrier Tape – The View From the Forensic Scientist

DR. DAVID SWEET, OC

PRESENTER BIO

David Sweet is a tenured professor at UBC and director of the BOLD Forensic Laboratory. With qualifications in dentistry, forensic dentistry, medicine and forensic medicine, Dr. Sweet is in a unique position to help police solve the puzzles that are often present at crime scenes. His laboratory, the BOLD Forensic Laboratory, has been involved in over 1100 high-profile criminal cases since its inception in 1996. Dr. Sweet has developed new techniques that are now used internationally by forensic investigators. Many of these techniques are applied to unusual exhibits and trace evidence under strange circumstances. In 2008, Dr. Sweet was appointed an Officer of the Order of Canada for his work as a forensic scientist, researcher, teacher and consultant. He was chief scientist for disaster victim identification at INTERPOL in France from 2005 to 2011 and forensic advisor to the International Committee of the Red Cross in Switzerland from 2009 to 2012.

COURSE OUTLINE

BOLD Lab at the University of British Columbia has been involved in cases of assault, theft, rape, murder, war crimes and espionage to aid investigators and the courts in Canada and elsewhere deal with the prosecution of criminals accused of heinous violence. Importantly, families are helped to deal with grievous losses. At the root of all these cases are various technologies that are employed to find, recover, and analyze trace evidence. This course will go behind the barrier tape at the crime scene to witness the role of investigators and scientists in solving crimes using amazing tools. Appreciate the complexity of investigations, gain insights into crime investigation and analysis, and use example cases from actual case files to learn how evidence is dissected.

COURSE OBJECTIVES

By the end of the course, participants will be able to:

• Describe the underpinning principles of modern forensic investigations
• Understand the role of forensic dentistry in resolving questions posed by death investigators
• Appreciate many of the complexities of the justice system in Canada

A portion of this program is being generously sponsored by an unrestricted educational grant from Surgically Clean Air.

Early Bird Deadline Date
Friday, April 28, 2017

Registration Check-in
8:30 am

Course Times
9:00 am to 4:00 pm

CE Credits
6 hours of lecture

For course fee information, go to page 30
Lecture Attendance Program

This program provides dental practitioners (must be licensed in Canada) with an opportunity to attend existing student lectures presented by Dalhousie Faculty of Dentistry instructors. Participants register for a full-term course and attend the lecture on a weekly basis. The lectures that are available for this program require prior-approval from the course director(s). Not all courses given at the Faculty of Dentistry may be included in this program.

LECTURE COURSES AVAILABLE IN 2016-2017

DENT 1411.06: Cariology I (Term 1 & 2) – (Course Director – S. Seth) This course introduces the etiology, diagnosis, prevention and operative management of dental caries in dental practice. The major areas covered include: histopathology, etiology, epidemiology, diagnosis, prevention and operative principles. Lectures and course discussions.

DENT 1511: Periodontology (Term 1 & 2) – (Course Director – C. Andrews) This course includes the clinical and histologic features of the periodontium in health, and the etiology, diagnosis, prevention and management of gingivitis. Periodontal charting, instrument sharpening and debridement with hand instruments are also included in the lecture portion of the course.

DENT 2111: Dental Biomaterials Science (Term 2 only) – (Course Director – D. Boyd) This course aims to develop critical thinking in the application of biomaterials science to dentistry, including biocompatibility. It includes a review of core concepts that underpin basic materials science and host-material interactions that define biocompatibility of metals, plastics, ceramics, and composite materials. Discussions will include the emerging fields of tissue engineering and regenerative medicine. Through assignments and discussion, the course also seeks to enhance the ability to interpret and assess information on biomaterials and their application from the scientific literature, regulatory bodies, and other sources.

DENT 2611: Removable Prosthodontics II (Term 1 & 2) – (Course Director – R. Loney) This course uses lectures, seminars and web resources to teach the fundamental principles and techniques of managing partially and completely edentulous patients.

DENT 3619: Didactic Prosthodontics III (Term 1 & 2) – (Course Director – R. Price) This course is designed to expand and reinforce the knowledge, skill and judgment of more complex, clinical prosthodontic experiences. The course consists of a series of lectures and exercises. Subject areas include treatment planning, treatment sequencing and prevention with a particular emphasis on the management of caries as a disease and the repair or replacement of teeth.

DENT 4616: Prosthodontics IV (Term 1 only) – (Course Director – P-L. Michaud) Lecture/seminar during the first term. Management of fixed restorative treatment, aesthetic dentistry, dentin bonding principles and techniques for the construction of fixed and removable prostheses, including communication with commercial dental laboratories will be discussed. Relevant biomaterial topics will be covered.
COURSE CE CREDITS

<table>
<thead>
<tr>
<th>Term</th>
<th>Credit hours available</th>
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</thead>
<tbody>
<tr>
<td>Term 1</td>
<td>maximum of 13</td>
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<tr>
<td>Term 2</td>
<td>maximum 17</td>
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</tbody>
</table>

Note: 1 CE credit per 1 hour of lecture attended

PROGRAM PROTOCOL

1. Limited enrolment: maximum 2 practitioners per course.
2. Practitioners must sign in with the instructor prior to the lecture and be signed out by the instructor at the end of the lecture (available to dentists). The CDE office will provide the forms for registering for lectures.
3. The program does not include hands-on laboratories.
4. No food or beverages are included in this program.
5. While participants are free to ask questions of, or make comments to, the lecturer after the lecture is over, participants cannot ask questions or make comments during the lecture, so as to allow the normal progress of the student lecture and learning experience without interruption. The lecturer's primary responsibility is to students enrolled in the curriculum. Online discussions of questions after a lecture are encouraged.
6. Handouts and resource materials will be provided at the discretion of the faculty member.
7. As with all CDE programs delivered at the Faculty of Dentistry, there is no examination or assessment of a participant at the end of the program.
8. CDE credits will be issued after the final course lecture.

For more information regarding this program and/or to register, send an email or fax to the Office of Continuing Dental Education.

ONLINE REGISTRATION IS NOT AVAILABLE FOR THIS PROGRAM.
Building Access – Weekends and Evenings

The Faculty of Dentistry Building is located at 5981 University Avenue. If your CDE course takes place in the evening or on a weekend, please note there is no access off College Street due to the on-going Clinic Renewal construction. After-hours access to the Dentistry Building will be available at the main entrance located on University Avenue.

PARKING
We do not provide parking on campus, and are not responsible for parking tickets or any lost or stolen personal articles. Plan to arrive early for your CDE course to allow time for parking. There are two-hour public parking meters located on University Avenue and College Street and five-hour meters on Robie Street. Payment at public parking meters is in effect from 8 am to 6 pm, Monday to Friday, excluding holidays. In addition, the IWK Health Centre has an above-ground parkade available at hourly rates.
## 2016-2017 CE Course Fees

<table>
<thead>
<tr>
<th>CE Courses</th>
<th>Early Bird Fee</th>
<th>Registration Fee</th>
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</thead>
<tbody>
<tr>
<td>(Refer to the list below for exceptions)</td>
<td></td>
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</tr>
<tr>
<td>Lecture – full day</td>
<td>DDS $350 ADHP $150</td>
<td>DDS $400 ADHP $175</td>
</tr>
<tr>
<td>Lecture – half day</td>
<td>DDS $175 ADHP $100</td>
<td>DDS $225 ADHP $125</td>
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<tr>
<td>Lecture and hands-on</td>
<td>DDS $575 ADHP $350</td>
<td>DDS $625 ADHP $375</td>
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</table>

*A continental breakfast and lunch will be provided for all courses unless otherwise stated on the course page.*

### FEE EXCEPTIONS

<table>
<thead>
<tr>
<th>Course</th>
<th>Early Bird Fee</th>
<th>Registration Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mindfulness for Health Care &amp; Other Professionals</strong></td>
<td></td>
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<tr>
<td>Lecture – 8 evening classes</td>
<td>DDS/MD $675 ADHP/Others $500</td>
<td>DDS/MD $725 ADHP/Others $525</td>
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<tr>
<td><strong>5th Annual Bike and Learn: A Joint Medicine and Dental CE Program</strong></td>
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<tr>
<td>Lectures – 4 evening sessions and 5 days of cycling</td>
<td>DDS/MD $3950</td>
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<tr>
<td><strong>Local Anesthesia for the Dental Hygienist</strong></td>
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<tr>
<td>Lecture and hands-on – 4 days</td>
<td>DH $1250</td>
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<tr>
<td><strong>Lecture Attendance Program</strong></td>
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<tr>
<td>Term 1</td>
<td>DDS $650</td>
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<tr>
<td>Term 2</td>
<td>DDS $850</td>
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<tr>
<td><strong>Two-day Interactive Course on Treatment Planning in Implant Dentistry</strong></td>
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<tr>
<td>Lecture – 2 full days</td>
<td>DDS $600</td>
<td>DDS $650</td>
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<tr>
<td><strong>Medical Emergencies Course</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contact the CDE office for special dental office rates</td>
<td>DDS $575 ADHP/Others $350</td>
<td>DDS $625 ADHP/Others $375</td>
</tr>
</tbody>
</table>

**Special Offer:** Pay for 3 CDE courses in this brochure by October 31, 2016 and select a 4th course (lecture) for half price. Go to [dal.ca/dentistry/cde](http://dal.ca/dentistry/cde) for full promotion details.
HOW TO REGISTER

1. **Register Online**
   To register online, visit the CDE website at:
   https://registration.dentistry.dal.ca

2. **Register by E-mail**
   E-mail your registration information to:
   cde.dentistry@dal.ca

3. **Register by Phone**
   Call 902.494.1674

4. **Register by Fax**
   dal.ca/content/dam/dalhousie/pdf/dentistry/CDE/RegistrationForm.pdf
   Fax the completed form to: 902.494.5101

5. **Register by Mail**
   dal.ca/content/dam/dalhousie/pdf/dentistry/CDE/RegistrationForm.pdf
   Mail the registration form with payment to:
   Continuing Dental Education
   Faculty of Dentistry
   Dalhousie University
   5981 University Avenue
   PO Box 15000
   Halifax NS  B3H 4R2

CONTINUING DENTAL EDUCATION POLICIES

CDE course cancellation, registration withdrawal and photography policies can be found on the CDE website: dal.ca/dentistry.ca.

Continuing Dental Education | Faculty of Dentistry
5981 University Avenue | PO Box 15000 | Halifax Nova Scotia  B3H 4R2
T: 902.494.1674 | F: 902.494.5101 | cde.dentistry@dal.ca | dal.ca/dentistry/cde