Continuing Dental Education at Dalhousie

Our Mission
To provide evidence-based education and encourage life-long learning in order to promote overall health.

Our 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 the 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.

Office of Continuing Dental Education and Alumni Affairs Staff:
Jon Bruhm – Alumni Officer
Sachin Seth – Chair, CDE Committee
Rita Davis – Admin Assistant, CDE
Dianne Crouse – Manager, CDE
September 2014 - August 2015
Course Calendar

Saturday, September 27, 2014
Evidence-based Everyday Interceptive Orthodontics for the General Dentist:
A Lecture and Hands-On Course
Presenter: Dr. William (Billy) Wiltshire

Thursday, October 2 – November 20, 2014
Mindfulness for Health-Care & Other Professionals: An 8-week Immersion in Self-Care
Presenter: Dr. John Lovas

Saturday, October 4, 2014
Periodontal Dilemmas and Decision-Making
Presenter: Dr. Tammy Wright

Saturday, October 25, 2014
Clinical Pharmacology – What’s Hot and What’s Not? (Morning)
Presenter: Dr. Chris Lee

Implant Dentistry at Dalhousie University and How it Relates to General Practice (Afternoon)
Presenter: Dr. Gorman Doyle

Saturday, November 1, 2014
The Annual Doug Chaytor Lecture
Contemporary Fixed Prosthodontics
Presenter: Dr. Stephen F. Rosenstiel

Saturday, November 15, 2014
Swindles, Cheats, and Scams in the Dental Office (Morning)
How to Steal from a Dentist (Afternoon)
Presenter: David Harris

November 22, 2014
The Current State of Dental Materials
Presenter: Mark Jackson

Saturday, January 10, 2015
(A 1/2 Day Lecture)
Case Studies from the Graduate Clinics at the Faculty of Dentistry, Dalhousie University
Presenters: Post-Graduate and Graduate Residents, Faculty of Dentistry

Friday, January 30, 2015
Dentistry Student Table Clinics and Dental Hygiene Presentations

Saturday, January 31, 2015
Implant Dentistry: From Treatment Planning to Delivery: A Lecture and Hands-on Course
Presenter: Dr. Pierre-Luc Michaud

February 22 – March 1, 2015
20th Annual Seminar at Sea with the University of Toronto – 7-day Western Caribbean Cruise: Oral Surgery Demystified for the General Dentist
Presenter: Dr. Howard I. Holmes

Saturday, March 7, 2015
Mindfulness-Based Wellness in Dentistry: Creating an Optimal Healing Environment
Presenters: Dr. David A. Lovas and Dr. John G. Lovas

Saturday, March 21, 2015
Digital Dental Photography: A Hands-On Course
Presenters: Dr. Robert Loney, Dr. Ron Bannerman and Marilyn Klein

Saturday, April 11, 2015
A 1/2 Day Lecture
Sealants: Retention vs. Caries Prevention
Presenters: Dr. Daniel Boyd and Dr. Sachin Seth
April 20 – 25, 2015
3rd Annual Bike and Learn: A Joint Medicine and Dentistry CE Program, Santa Ynez, CA
Presenters: Donald Clow, Dr. Kenneth Fletcher, Jr., Dr. John Grantmyre, and Dr. Johan Van Limbergen

Saturday, April 25, 2015
Prosthodontics: Past, Present and Future
Presenter: Dr. Tanya Cook

Thursday, Friday, Saturday and Sunday, April 30 – May 3, 2015
Local Anesthesia for the Dental Hygienist:
A Lecture and Hands-on Course
Presenters: Dr. Benjamin Davis and Dr. Jean-Charles Doucet

Saturday, May 23, 2015
Endodontic Management of Acute and Chronic Injuries to the Teeth
Presenter: Dr. Robert Roda

Lecture Attendance Program
Term 1
September-December 2014

Term 2
January-May 2015

For more information, updates and changes to this schedule, please visit www.dal.ca/dentistry/cde or call the CDE Office at 902-494-1674.
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 20, 2014
Dr. Harold Brogan Memorial Golf Classic
Hammonds Plains, NS

October 3, 2014
John Laba Memorial Dinner
Wolfville, NS

October 16-18, 2014
Dalhousie Homecoming featuring
Atlantic Dental Education Weekend,
Dentistry Alumni Dinner & J.D. McLean Lecture
Halifax, NS

October 25, 2014
Dentistry Alumni Reception
Sydney, NS

October 28-30, 2014
Dentistry Alumni Lecture Series & Receptions
Moncton, Fredericton & Saint John, NB

January 10, 2015
Dentistry Winter Ball
Halifax, NS

January 30, 2015
Table Clinics
Halifax, NS

March 6, 2015
Dentistry PDC Alumni Reception
Vancouver, BC

June 1, 2015
Faculty of Dentistry Outstanding Alumni
Award Nomination Deadline
Saturday, September 27, 2014

Evidence-based Everyday Interceptive Orthodontics for the General Dentist

(A Lecture and Hands-On Course)

Presented by: Dr. William (Billy) Wiltshire, BChD, BChD (Hons), MDent, MChD (Orth), DSc, FRCD(C), FPFA

Course Outline
This course will address the dentist’s role in the comprehensive examination of the orthodontic patient. Topics will include:

- Basic cephalometrics for diagnosis and treatment planning
- Interceptive orthodontics
- Early treatment strategies and growth modification for Class II and Class III malocclusions
- Adult orthodontics, new technologies and retention philosophies
- Avoiding pitfalls in orthodontics

Course Objectives
At the end of this course the dentist will be able to:

- Undertake a thorough orthodontic patient examination and derive an orthodontic problem list
- Be able to construct and interpret a basic cephalometric analysis and apply it in treatment planning an orthodontic malocclusion
- Identify those cases requiring early orthodontic intervention and provide evidence-based treatment strategies suitable for the general dentist to undertake, as well as know which cases are complicated and need to be referred early in the patients’ best interests
- Understand treatment timing and age-appropriate intervention for developing Class II and III malocclusions with a variety of orthopaedic appliances
- Be aware of new treatment philosophies and technologies in orthodontics, including adult orthodontic patient care, retention protocols and be able to identify potential pitfalls in orthodontics

Continued on next page
Saturday, September 27, 2014

Evidence-based Everyday Interceptive Orthodontics for the General Dentist
(A Lecture and Hands-On Course)

Presented by: Dr. William (Billy) Wiltshire, BChD, BChD (Hons), MDent, MChD (Orth), DSc, FRCD(C), FPFA

About the Presenter
Dr. William Anthony (Billy) Wiltshire, BChD, BChD (Hons), MDent, MChD (Orth), DSc, FRCD(C), FPFA qualified as a dentist with the BChD degree after which he completed his BChD (Hons) with Dental Biomaterials as his major (cum laude). His first Masters degree, the MDent in Restorative Dentistry was awarded, also cum laude for his in vitro and in vivo work on Resin Bonded Bridges. He then completed the 4-year full time specialty Master’s degree in Orthodontics. In 1995, he was awarded the DSc (Odont) for his research work and thesis on “Restorative and Orthodontic Perspectives of Clinical Dentistry.”

Academically, Professor Wiltshire served as Professor and Head of the Department of Orthodontics and Chief Specialist at the University of Pretoria until he moved to Canada in 1996. Dr. Wiltshire currently serves as Professor and Head of the Department of Preventive Dental Science, Head of Orthodontics and Director of the Graduate Orthodontic Program at the University of Manitoba. He is recipient of several fellowships and awards and is author or co-author of over 200 peer-reviewed publications and abstracts. He has lectured extensively worldwide and has been involved in research with funding in excess of $1 million. His research interests are in orthopaedic growth modification, orthodontic biomaterials, epidemiology of malocclusion, interceptive orthodontics, early treatment and educational research in orthodontics.

Dr. Wiltshire maintains a limited orthodontic private practice in Tuxedo, Winnipeg.

Registration Info

Early Bird Registration Date:
September 12, 2014

Check-in 8:30 am
Course Times 9:00 am – 4:30 pm
Location Faculty of Dentistry Room TBA
Credits 4 hours of Lecture
2 hours of hands-on

Fees:

Until Sept. 12th
DDS $575
ADHP $350

After Sept. 12th
DDS $625
ADHP $375

Continental breakfast and lunch provided.
Thursdays, October 2 – November 20, 2014

Mindfulness for Health-Care And Other Professionals: An 8-week Immersion in Self-care

Presented by: Dr. John Lovas, BSc, DDS, MSc, FRCD(C)

Course Outline

Working in health care, 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 health-care & 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 practice sitting meditation, walking meditation, qi gong breathing, standing meditation, and partake (voluntary) in discussions about integrating mindfulness into our professional and private lives.

Intended audience: Dental, medical, legal & other professionals. You and your entire office are invited to engage in a profoundly positive transformative learning experience. Attendance is limited to 20.

Homework: Participants are encouraged to engage in up to 45 minutes of daily practice at home. We derive from this ‘practice’ precisely what we put into it.

Continued on next page
Thursday, October 2 – November 20, 2014

Mindfulness for Health-Care And Other Professionals: An 8-week Immersion in Self-care

Presented by: Dr. John Lovas, BSc, DDS, MSc, FRCD(C)

Our website and its links provide additional information, including our paper which explains how Mindfulness relates to Professionalism in Dentistry: [http://www.dentistry.dal.ca/Mindfulness/index.html](http://www.dentistry.dal.ca/Mindfulness/index.html)

**About the Presenter**

Dr. John G.L. Lovas BSc, DDS, MSc, FRCD(C) obtained science and dental degrees from the University of Toronto, and specialty training in oral pathology at the University of Western Ontario. He’s 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 & oral medicine, and served as Assistant Dean for Student Affairs until his retirement in 2014. He obtained teacher-training in Mindfulness-based Stress Reduction (MBSR) at UMass Medical Center, the Omega Institute in New York, and the Rochester Medical School. For over ten years Dr. Lovas has led Mindfulness workshops for dental and dental hygiene, medical and other students, practitioners and staff.

**Registration Info**

**Early Bird Registration Date:** September 18, 2014

- **Check-in:** 5:30 pm
- **Course Times:** 6:00 pm – 8:00 pm
- **Location:** Faculty of Dentistry Room TBA
- **Credits:** 16 hours of Lecture
- **Fees:**
  - **Until Sept. 18th**
    - DDS/MD $675
    - ADHP $500
    - OTHERS $500
  - **After Sept. 18th**
    - DDS/MD $725
    - ADHP $525
    - OTHERS $525

*Light supper provided.*
Saturday, October 4, 2014

Periodontal Dilemmas and Decision-Making

*Presented by: Dr. Tammy Wright, BSc, MSc, DMD, Dip Perio.*

**Course Outline**

The diagnosis and treatment of periodontal disease continues to occupy a significant portion of the schedule in general dental practice. Sometimes what we see and may at first think is related to chronic periodontitis could, in fact, be something else altogether. This presentation will cover several fairly common clinical causes for problems that may, at first glance, be related to periodontal disease.

Similarly, when patients are referred to a periodontist for treatment, the results are sometimes not what either the patient or the referring office was expecting. This course will cover factors that can determine the results of periodontal treatment such as pocket reduction surgery, soft and hard tissue grafting and implant placement. Thorough understanding of the goals and expected results of treatment can make explaining potential treatment to patients much easier.

This presentation will be aimed at general dentists and dental hygienists alike.

**Course Objectives**

On completion of the lecture, participants will be able to:

- Identify factors that distinguish a “healthy pocket” from a “diseased pocket”
- Identify possible causes of persistent gingival redness and bleeding other than plaque-induced gingivitis
- Distinguish between periodontal and endodontic abscesses
- Distinguish between healthy peri-implant tissues and peri-implantitis
- Recognize successful surgical treatment for periodontal disease and identify barriers to successful surgical treatment
- Identify the goals and expected outcomes of soft tissue grafting, hard tissue grafting and regenerative procedures

*Continued on next page*
Saturday, October 4, 2014

Periodontal Dilemmas and Decision-Making

Presented by: Dr. Tammy Wright, BSc, MSc, DMD, Dip Perio.

About the Presenter

Dr. Tammy Wright, BSc, MSc, DMD, Dip Perio, received a BSc in Human Biology from the University of Guelph, an MSc in Human Anatomy from Queen’s University, a DMD degree from the University of Manitoba and a Specialty Diploma in Periodontology from the University of Toronto. She served as a dental officer in the Canadian Armed Forces and had a private specialty practice in periodontics in Ontario for 12 years as well as teaching as a part time clinical dental instructor at the University of Toronto. Dr. Wright served as president of the Canadian Academy of Periodontology in 2005-06. In 2008, Dr. Wright moved to Nova Scotia and joined the Faculty of Dentistry at Dalhousie University as a part-time instructor. In 2013 she became a full-time faculty member and was appointed Head of the Division of Periodontics and Orofacial Pain.

Registration Info

Early Bird Registration Date: September 19, 2014
Check-in: 8:30 am
Course times: 9:00 am – 4:30 pm
Location: KC Irving Centre
Acadia University
Wolfville, NS
Credits: 6 hours of Lecture
Fees:

Until Sept. 19th
DDS $350
ADHP $150

After Sept. 19th
DDS $400
ADHP $175

Continental breakfast and lunch provided.
Clinical Pharmacology - What’s Hot and What’s Not? (morning session)

Presented by: Dr. Chris Lee, MSc, DDS, GPR

Implant Dentistry at Dalhousie and How it Relates to General Practice (afternoon session)

Presented by: Dr. Gorman Doyle, DDS, MSD

Course Outline – Morning Lecture
This course will include an update on antibiotic prophylaxis, drugs in dentistry - current concepts in antibiotics, analgesics, antivirals, local anesthetics, and anxiolytics. Opioids - prescriptions and how to manage patients on them (addiction and/or recovery). We will also cover management of common medical emergencies and how to build a simple drug kit to ensure you are prepared if you ever need to use it in practice.

Course Objectives – Morning Lecture
• Participants will be proficient in the most recent concepts in analgesics and antibiotics in dentistry
• Participants will be proficient in managing a medical emergency in a dental setting

Course Outline – Afternoon Lecture
This course will provide an overview on current teaching as it relates to our undergraduate implant program at Dalhousie University. Dr. Doyle will attempt to relate some of the problems that we encounter with current implant systems and some problem solving with regard to clinical implant cases including laboratory related issues. Clinical cases will be reviewed. A portion of the session will be designated for treatment planning or suggestions about treatment problems for cases that the participants bring to the course. This is intended to be an interactive discussion about implant dentistry today.

Course Objectives – Afternoon Lecture
• To help the participants understand some of the concepts we are teaching Dalhousie students regarding implant treatment
• To help the participants diagnose issues as they are related to implant treatment and how to attempt to problem solve the issues

Continued on next page
Clinical Pharmacology - What's Hot and What's Not? (morning session)
Presented by: Dr. Chris Lee, MSc, DDS, GPR

Implant Dentistry at Dalhousie and How it Relates to General Practice (afternoon session)
Presented by: Dr. Gorman Doyle, DDS, MSD

About the Presenters

**Dr. Chris Lee**, DDS, MSc, GPR, completed an MSc in Pharmacology before doing his DDS at Dalhousie University (DDS 2004). After his DDS he completed a General Practice Residency Program at the Vancouver General Hospital. He worked in private practice in Ottawa and Hamilton before coming back to Dalhousie to start a General Practice Residency Program here. He is an Assistant Professor, Director of the GPR and ER clinics, and a consultant for the NDEB. He also continues to practice part-time in the Faculty Practice Clinic at Dalhousie.

**Dr. Gorman Doyle**, DDS, MSD, is a full time member of the Faculty of Dentistry. He earned a DDS degree in 1980 from Dalhousie University, practiced general dentistry from 1980-1985 and completed specialty training in Prosthodontics at Indiana University in 1988. With the Department of Dental Clinical Sciences, Dr. Doyle teaches restorative dentistry and is the Division Head for Implant Dentistry at Dalhousie. He currently practices prosthodontics, including implant dentistry on a part time basis at the Faculty Practice within the Dalhousie Dental School.

Reception
Following the CDE course, mix and mingle with your fellow alumni. Course attendance is not required.

Reception Time: 4:30 pm – 6:30 pm
Location: Ceilidh Room
Casino Nova Scotia
Sydney, NS

Light refreshments will be provided.

Course Registration Info

Early Bird Registration Date: October 10, 2014
Check-in: 8:30 am
Course times: 9:00 am – 12:00 noon 1:00 pm – 4:00 pm
Location: Ceilidh Room
Casino Nova Scotia
Sydney, NS

Credits: 6 hours of Lecture
Fees:

Until Oct. 10th
DDS $350
ADHP $150

After Oct. 10th
DDS $400
ADHP $175

Continental breakfast and lunch provided.
Saturday, November 1, 2014

The Annual Doug Chaytor Lecture
Contemporary Fixed Prosthodontics

Presented by: Dr. Stephen F. Rosenstiel, BDS, MSD

Course Outline and Objectives

CAD/CAM Dentistry

Scanning and milling. Three dimensional printing and laser sintering. The way fixed restorations are being fabricated is rapidly changing and provides us with access to exciting new materials. This presentation reviews the available systems and explains how they all work.

Learning Objectives

• Know the current status of CAD/CAM dentistry
• Understand how to select systems for your practice

Post-treatment Sensitivity

Many patients report sensitivity after a cast restoration has been cemented. Modern techniques and materials has reduced but not eliminated this problem. This presentation is based on dentists’ opinions obtained via an Internet survey as to the prevalence, causes and prevention of post-cementation sensitivity. We concluded that the incidence of post-cementation sensitivity appears to be underestimated. There is little published evidence to support antimicrobials, desensitizing or bonding agents, though considered effective by some dentists. Many dentists considered luting agent an important variable.

Learning Objectives

• Understand the causes of post-cementation sensitivity
• Understand how to best manage the problem of post-cementation sensitivity

The Scientific Basis of Dental Esthetics

Proffitt classifies Dental esthetics as Macro-esthetics: The face in all three planes of space, Mini-esthetics: The smile framework bordered by the lips on smile animation and Micro-esthetics: Tooth proportions in height and width, Gingival shape and contour, Black triangles and Tooth shade. Understanding and managing dental esthetics is an essential part of contemporary dental practice. However, there is little to guide the dentist as to the anterior tooth size, shape and orientation for optimum esthetics. This presentation summarizes recent research into dentists’ and the public’s perception of dental esthetics and provides practical data on optimizing anterior esthetics.

Continued on next page
Saturday, November 1, 2014

The Annual Doug Chaytor Lecture
Contemporary Fixed Prosthodontics

Presented by: Dr. Stephen F. Rosenstiel, BDS, MSD

Learning Objectives

• Know the public perception of dental esthetics and the range of acceptability
• Know whether dental esthetics differs among different ethnic groups
• Understand how dentists alter dental esthetics when restoring their patients

The Restoration of Endodontically Treated Teeth
This presentation reviews the current status of the management of endodontically treated teeth and how best to restore them for function and esthetics. In light of the latest information, are posts, cores and crowns still needed?

Learning Objectives

• Understand when posts are needed for the treatment of endodontically treated teeth
• Estimate the prognosis of endodontically treated teeth

About the Presenter

Dr. Stephen F. Rosenstiel BDS, MSD is Professor Emeritus of Restorative and Prosthetic Dentistry at The Ohio State University College of Dentistry, where he maintains an intramural prosthodontic practice. He is a 1973 dental graduate of Birmingham University in England and completed his Masters in Prosthodontics at Indiana University in 1977. He taught fixed prosthodontics at the University of Florida and University of London before joining Ohio State in 1985. He is Editor-in-Chief of the Journal of Prosthetic Dentistry, Secretary and Past-President of the American Academy of Fixed Prosthodontics, Vice President of The Carl O Boucher Conference, and Past President of the Prosthodontics Group of the International Association for Dental Research, the John F. Johnston Society for Advance Prosthodontics and the Fixed Prosthodontic Section, American Dental Education Association. He is an author of the textbook Contemporary Fixed Prosthodontics, the fourth edition of which was published in 2006. The textbook has sold over 50,000 copies, is used in many dental schools and has been translated into eight languages. He has authored over 180 scientific articles and abstracts, principally on the fracture properties of dental ceramics and dental esthetics.

Registration Info

Early Bird Registration Date: October 17, 2014
Check-in: 8:30 am
Course Times: 9:00 am – 4:30 pm
Location: Faculty of Dentistry Room TBA
Credits: 6 hours of Lecture
Fees:

Until Oct. 17th
DDS $350
ADHP $150

After Oct. 17th
DDS $400
ADHP $175

Continental breakfast and lunch provided.
Saturday, November 15, 2014

Swindles, Cheats and Scams in the Dental Office (morning session) AND How to Steal from a Dentist (afternoon session)

Presented by: David Harris, MBA, CMA, CFE

Course Outline (Morning Session)
Dental Private Investigator David Harris will give his audience a fascinating tour of how criminals target and attack dental offices. He will discuss the following topics:

• Identity theft
• Bulk theft of information
• Medication scams
• Attacks on computers
• The new Wild West — crimes involving social networking

This topic is of interest to both dentists and dental team members.

Course Objectives
Participants will learn the methods used by criminals to target their offices and will take away concrete steps that can be used to protect their offices and personal lives from this type of crime.

Course Outline (Afternoon Session)
This seminar involves the examination of noteworthy embezzlements from Prosperident’s case files. Participants will be provided with an inside look at dental office embezzlement that is not available anywhere else. Attendees will see how embezzlements were committed, warning signs that were missed, how embezzlers were eventually caught, amounts stolen, and the consequences to both the embezzler and the dentist.

Because specific embezzlement methodologies are openly discussed, attendance for this presentation is limited to dentists.

Course Objectives
Using these embezzlement cases as teaching tools, attendees will gain the following knowledge:

• What causes embezzlement in dental offices?
• The limits of prevention strategies
• Steps a dentist can take to determine whether embezzlement is happening
• What to do if embezzlement is suspected or discovered

Continued on next page
About the Presenter

David Harris is CEO of Prosperident, a company he founded in 1989. Prosperident is the world’s largest company specializing in the detection and investigation of embezzlement committed against dental practices. Its team of specialized investigators is consulted, in North America and Australia, on hundreds of embezzlements annually committed against both general dentists and dental specialists. David has an undergraduate business degree and a graduate degree in applied business mathematics. He also possesses profession designations in accounting, banking and dental consulting, and is a licensed private investigator.

David has been interviewed on the subject of embezzlement by many dental publications including The Dental Tribune (which dubbed him the “Dental Embezzlement Guru”), Dentaltown, The Progressive Dentist and Impact, the magazine of the Academy of General Dentistry. He is also a prolific writer and authors or co-authors a dozen or more articles annually that appear in these and other dental publications. He has lectured at several US and Canadian universities in the faculties of business, law and dentistry. David has spoken at regional, national and international dental conferences. He is a highly entertaining and engaging speaker who draws on a vast amount of experience in his field.

Registration Info

Early Bird Registration Date:
October 31, 2014

Check-in: 8:30 am
Course Times: 9:00 am – 12:00 noon
1:00 pm – 4:00 pm
Location: Faculty of Dentistry
Room TBA
Credits: 3 hours of Lecture (Morning session only)
6 hours of Lecture (Full Day)

Fees:

Until Oct. 31st
Half day only
DDS $175
ADHP $100
Full Day
DDS $350

After Oct. 31st
Half day only
DDS $225
ADHP $125
Full Day
DDS $400

Continental breakfast provided for all participants.
Lunch provided for full day participants.
Saturday, November 22, 2014

The Current State of Dental Materials

Presented by: Mark Jackson, RDT

Course Outline
The materials used in the dental laboratory are changing rapidly. How do you know what to offer your clients and when they are indicated? How do you know how to handle certain types of materials when there is a great deal of conflicting information? Whether you are a one-person dental lab or part of a large lab group, taking the leap into incorporating digital technology into your lab is a daunting task. This presentation will focus on things you should consider before making the leap, just how beneficial digital dentistry can be for the lab, the dentist AND the patient! The future has never been brighter for dental technology.

Course Objectives
On completion of this lecture, participants will be able to:

- Identify which materials are suitable for each indication
- Know proper handling and cementation of the various materials available

About the Presenter
Mark Jackson, RDT received his dental training in Southern California in the late 1970’s. During that period he worked in the in-house laboratory of a well-known speaker and clinician. His specialty at the time was subperiosteal implant frames. In 1981, he opened his laboratory, Precision Ceramics, CT Scanning and Implant Planning Center in Montclair, CA. Precision Ceramics is nearly 100% digital and has been DAMAS certified and FDA Complaint for over a decade. Mark has served as the Chairman of the Technical & Education Committee for the Southern California Lab Owners Association and Membership Chairman for the California Veterinary Dental Association. He has lectured internationally on digital dentistry, dental implants, laboratory management and veterinary dentistry. He is a former Director of the National Association of Dental Laboratories, the Laboratory Communications Committee, and is a Peer Review Member of the Journal of Dental Technology, and Inside Dental Technology. His laboratory has been featured in the Wall Street Journal, and on the MTV television show “Cribs”.

Registration Info

Early Bird Registration Date: November 7th, 2014
Check-in: 8:30 am
Course times: 9:00 am – 4:30 pm
Location: Faculty of Dentistry Room TBA
Credits: 6 hours of Lecture

Fees:
Until Nov. 7th
DDS $350
ADHP $150
After Nov. 7th
DDS $400
ADHP $175

Continental breakfast and lunch provided.

Acknowledgement
This course is sponsored by Hallmark Dental Laboratory Limited.
Saturday, January 10, 2015

(A 1/2 Day Lecture)

Case Studies from the Graduate Clinics at the Faculty of Dentistry, Dalhousie University

Presenters: Post-Graduate and Graduate Residents, Faculty of Dentistry

Course Outline
Post-graduate and graduate residents from the Adult and Pediatric General Practice Residency programs, and the Graduate Periodontics and Oral & Maxillofacial Surgery programs will present a cross-section of cases treated in their clinics.

Using current best evidence from the literature to support their findings, residents will showcase their work from the fields of periodontics, pediatric dentistry, oral and maxillofacial surgery, and general dentistry.

Presenters
Dr. Jin Choi — Pediatric GPR
Dr. Sedigheh Daneshvar — Periodontics
Dr. Clayton Davis — OMFS
Dr. Anne Lobhan — Pediatric GPR
Dr. Mark MacPherson — Adult GPR
Dr. Lauren MacGregor — Adult GPR
Dr. Aditya Patel — Periodontics
Dr. Peter Stefanuto — OMFS

Registration Info
Early Bird Registration Deadline: January 2, 2015
Check-in 8:30 am
Course Times 9:00 am – 1 pm
Location Faculty of Dentistry Room TBA
Credits 4 hours of Lecture
Fees
Until Jan. 2nd
DDS $175
ADHP $100
After Jan. 2nd
DDS $225
ADHP $125
Continental breakfast provided.

This course has been scheduled to coincide with the Dentistry Winter Ball.

For further details and/or to purchase tickets for the Winter Ball, please Email: alumni.dentistry@dal.ca
**Friday, January 30, 2015**

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

Dentistry Student Table Clinics and Dental Hygiene Presentations 2015

**Synopsis**

A table clinic is a brief oral presentation in areas of clinical application and techniques, or basic science, research or oral health promotion. The presentation includes display boards, which contain both text and visuals. Clinical and research equipment and materials also may be displayed. Oral presentations are 5-10 minutes in duration. The table clinic exercise is a student-centered learning activity, with the support of a faculty advisor. Students begin by selecting a topic that they wish to present. Students must thoroughly research their topic and provide their own critical analysis, conclusions and recommendations. Alternatively, students may conduct a research project and present their results and conclusions. As part of a course requirement, students must present their topics on Student Table Clinics Night, which is held on the second floor Clinic of the Dental Building, at University Avenue and Robie Street. Dental care providers and University members are invited to attend.

This year, groups of 3-4 second year dental hygiene students will be giving 10-15 minute evidence based power point presentations on the dental hygiene implications of “Abuse and Addiction”. The presentations will be held in classrooms and scheduled in a way that allows individuals to see all presentations. A fact sheet summarizing key information will be provided to those who attend.

Presentations will be made from 5:00-8:00 p.m. and the awarding of prizes will be from 9:00-9:30 p.m.

A Social Hour, sponsored by Pro-Dent Dental Laboratory, will be held between 8:00 and 9:00 p.m.

**Registration Info**

You must sign-in at the Registration Desk by 7:00 pm to receive your CE credits!

- **Start:** 5:00 pm
- **Presentation Times:** 5:00 – 8:00 pm
- **Location:** Faculty of Dentistry
  - Main Floor Clinic
  - 2nd Floor and 4th floor classrooms
- **Credits:** 2 hours
- **Fee:** Free of Charge

*We would like to thank our many sponsors who help make Table Clinics a success!*
Saturday, January 31, 2015

Implant Dentistry: From Treatment Planning to Delivery
(A Lecture and Hands-On Course)

Presented by: Dr. Pierre-Luc Michaud, DMD, MSc, FRCD(C)

Course Outline
This course will cover several aspects of implant dentistry to help dentists beginning their first case to get comfortable in planning and restoring simple cases and will also help more experienced dentists to perfect their treatments. The didactic lectures will cover a variety of topics such as:

- Treatment options and treatment planning
- When should a FPDs be made instead of an implant-retained crowns
- How to choose the best implant and components for a particular case
- How to prepare a case from wax-up to surgical guide
- Immediate implants, immediate loading
- Healing time and loading protocols
- Need for bone grafting
- Shaping soft tissue and emergence profile
- Options for final impressions
- How to adjust and deliver an implant-retained crown

Course Objectives
At the end of this course, participants will have gained general understanding necessary to treatment plan and execute simple dental implant cases. Special considerations will be put on how to choose the right implant and components for a given case while ensuring a stable and esthetic outcome.

During the hands-on part of the program, participants will learn how to fabricate provisional restorations on single implants and how to modify impression copings to record the gingival architecture in their final impression.

Equipment
Participants are encouraged to bring their magnifying loupes and/or protective eyewear for the hands-on session.

Limited Registration
Hands-on is limited to 25 participants.

Continued on next page
About the Presenter

Dr. Pierre-Luc Michaud, DMD, MSc, FRCD(C) completed his DMD degree at Université de Montréal in 2007. After graduation, he joined University of Toronto for a general practice residency program and went back to Université de Montréal where he completed a specialty residency in prosthodontics in 2011. He is an Assistant Professor of prosthodontics at Dalhousie University and he actively maintains a private practice in the intramural Dalhousie Dentistry Faculty Practice, where he covers all aspects of prosthodontics. He also is a fellow and examiner of the Royal College of Dentists of Canada in Prosthodontics and he serves as an editorial review board member for the Journal of Prosthetic Dentistry.

Acknowledgement

This course is sponsored in part by BIOMET 3i.

Registration Info

Early Bird Deadline Date: January 16, 2015

Check-in: 8:30 am

Course Times: 9:00 am – 12:00 noon (Lecture)

1:00 pm – 4:00 pm (Hands-On)

Location: Faculty of Dentistry Room TBA

Credits: 3 hours of Lecture, 3 hours of Hands-On

Fees:

Until Jan. 16th

Lecture Only

DDS $175

ADHP $100

Lecture and Hands-On

DDS $575

ADHP $350

After Jan. 16th

Lecture Only

DDS $225

ADHP $125

Lecture and Hands-On

DDS $625

ADHP $375

Continental breakfast provided for all participants. Lunch will be provided for full day participants.
February 22 – March 1, 2015

20th Annual Seminar at Sea – 7-Day Western Caribbean Cruise
(with the University of Toronto)

Oral Surgery Demystified for the General Dentist

Presented by: Dr. Howard I. Holmes, DDS, Dip. OMFS, FICD, FACD, FPFA, FACOMS

Course Outline

What’s New: A Potpourri of Updates

• Bisphosphonates and jaw problems – “What do I do?”
• Novel methods of removing teeth and roots without flaps
• My patient has a numb lip or tongue – “How do I proceed now?”
• Osseous reconstruction of the jaws with relevance to dental implants: “Do I use theirs or bone from the bottle?”

About the Presenter

Dr. Howard I. Holmes, DDS, Dip. OMFS, FICD, FACD, FPFA, FACOMS, Assistant Professor and Head of the Division of Oral & Maxillofacial Surgery, University of Toronto Faculty of Dentistry. University of Toronto Program Director of Undergraduate OMFS Education, Surgical Director of Dental-Facial Treatment Program and Consultant OMFS Surgeon. Health Network, Toronto General Division Consultant Bloorview Children’s Rehabilitation Hospital (Cleft Lip/Palate & Craniofacial Unit), Staff OMFS Surgeon, Mount Sinai Hospital Toronto.

Registration Info

To participate in the program you must register for both the course and the cruise.

Location: Western Caribbean
Celebrity Cruise Lines

Credits: 8 hours of Lecture

Course Fee
(Does NOT include Cruise or Airfare)
DDS $595
ADHP $395

Course registration must be made through the University of Toronto (Please indicate you are registering as a Dalhousie Faculty of Dentistry participant)

By Fax: 416-979-4941
By Email: cde.registration@dentistry.utoronto.a

Cruise must be booked with Cruise and Travel Partners. For more information contact: Jodi Murphy

By Phone: 610-399-4501
By Email: cruiseandtravelpartnerscomcast.net

Cruise departs from Fort Lauderdale, FL.

Cruise pricing
(Does NOT include Course Registration or Airfare). Starting at $1,069 (interior) to $2,099 (Aqua Class Suite).

Complete information at:
www.dal.ca/dentistry/cde
Dentistry, dental hygiene and life in general can be stressful. To best serve our patients, coworkers, families and society, we ourselves need to embody health. Good self-care is both desirable and a professional obligation. Mindfulness is more than an evidence-based self-care technique, it is an evolved way of being in the world. Mindfulness training helps us live more authentically — expressing our core values in appropriate caring behaviour.

Mindfulness was first popularized by Jon Kabat-Zinn PhD at UMass Medical School 35 years ago. Mindfulness is scientifically-proven, effective and widely used around the world for health care and self-care. Our Faculty of Dentistry and School of Dental Hygiene pioneered the integration of Mindfulness training into dental and dental hygiene curricula. Now you too can benefit from learning this exciting holistic approach to wellness for yourself and your patients.

“Mindfulness is for all those who would chart a course toward greater sanity and wisdom in their lives.”

Jon Kabat-Zinn

“An education which should improve this faculty would be the education par excellence.”

William James

Course Objectives

Upon successful completion of this program, participants will be able to:

• Review how stress in dentistry can affect you
• Review basic stress-management strategies
• Understand what mindfulness is, and its pivotal role in stress management
• Experience effective mindfulness training methods
• Explore strategies for using mindfulness in your office starting Monday

Continued on next page
Saturday, March 7, 2015

Mindfulness-Based Wellness in Dentistry: Creating an Optimal Healing Environment

*Presented by: Dr. David A. Lovas, BSc, MD, FRCP(C)  
  Dr. John G. Lovas, BSc, DDS, MSc, FRCD(C)*

**About the Presenters**

**Dr. John G.L. Lovas** BSc, DDS, MSc, FRCD(C) obtained science and dental degrees from the University of Toronto, and oral pathology training at the University of Western Ontario. He’s 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 retired from the Faculty of Dentistry, Dalhousie University after teaching oral pathology and oral medicine for 31 years and serving as Assistant Dean for Student Affairs for 5 years. He obtained teacher-training in Mindfulness-based Stress Reduction (MBSR) at UMass Medical Center, the Omega Institute in New York, and the Rochester Medical School. For over ten years Dr. Lovas has been teaching aspects of Mindfulness in continuing education courses and to dental, dental hygiene and other faculty, students and staff.

**Dr. David A. Lovas** BSc, MD, FRCP(C) obtained science and medical degrees from Dalhousie University, and psychiatric training from Harvard Medical School. He is an assistant professor in the Dalhousie Faculty of Medicine, with cross-appointment in the Department of Psychology & Neuroscience, and works as a child & adolescent psychiatrist and the physician co-leader of the Emergency Mental Health & Addictions Services (EMHAS) of the IWK Health Center. Dr. Lovas has trained extensively in mindfulness-based clinical interventions and has been awarded Harvard fellowships for his research in this area. His current research and academic interests continue to include mindfulness-based interventions, neurobiology, as well as the role of mindfulness in health-professional development and wellness.

**Registration Info**

**Early Bird Registration Date:**
February 20, 2015

- **Check-in:** 8:30 am
- **Course Times:** 9:00 am – 4:30 pm
- **Location:** Faculty of Dentistry
  Room TBA
- **Credits:** 6 hours of Lecture

**Fees:**

*Until Feb. 20th*
- DDS $350
- ADHP $150

*After Feb. 20th*
- DDS $400
- ADHP $175

*Continental breakfast and lunch provided.*
Saturday, March 21, 2015

Digital Dental Photography
(A Hands-on Course)

Presented by: Dr. Robert Loney, Dr. Ron Bannerman and Marilyn Klein

Course Outline

Dental photography is an art that can be used in promotional materials, patient education, dental records and presentations. But the best equipment in the world won’t produce good results unless it is used properly. You will get extensive hands-on instruction for producing professional digital images in this workshop. Participants will work in groups of 3 making clinical images of each other that will be reviewed by the group. Registrants are encouraged to bring their own clinical cameras – there are a limited number of cameras available for use on site, which will be assigned on an as-registered basis. As a previous participant said “The dental photography course was one of my all time favorites in 19 years of CE! And the equipment you recommended was worth every cent.” This course has sold out every time it has been offered. Register today!

All registrants will receive a photographic accessory package that includes intra-oral mirrors and retractors.

Course Objectives

By the end of the workshop, participants should be able to:

• Produce clinical photographs with the maximum sharpness for given clinical camera
• Make proper use of intraoral retractors and mirrors
• Make 8 basic clinical photographs for patients (extra-oral, intraoral buccal and occlusal views)
• Make good extraoral photographs of casts, prostheses, appliances
• Practice effective infection control for clinical photography
• Make digital images of film-based radiographs
• Understand issue involving privacy & informed consent relating to patient images
• Trouble-shoot photographic errors.

Limited Registration

24 participants

A representative from Carsand Mosher Photographic will be on-site during the course with kit prices and samples of cameras, lenses and flash units, if participants are interested in buying equipment.

Continued on next page
About the Presenters

Dr. Bob Loney has been taking photographs as a hobby for over 40 years. He has broad experience with film and digital cameras, darkroom equipment and Photoshop software. He has contributed nearly 6,000 digital dental images to the Department of Dental Clinical Sciences. He was the recipient of the 3M ESPE National Dental Teaching Award.

Dr. Ron Bannerman is a full time member of the Faculty of Dentistry, Dalhousie University. Within the Department of Dental Clinical Sciences, he teaches didactic and clinical implant-supported restorative dentistry. Dr. Bannerman makes extensive use of clinical and table-top photography in teaching and enjoys photography as a hobby.

Marilyn Klein has been instructing students and faculty in clinical photographic techniques at the Faculty of Dentistry, Dalhousie University since 1974, and has overseen the transition from traditional photographic film and paper to a digital media environment.

Registration Info

Early Bird Registration Date: March 6, 2015
Check-in: 8:30 am
Course Times: 9:00 am – 4:30 pm
Location: Faculty of Dentistry JD McLean Centre
Credits: 6 hours of Hands-On

Fees:

Until March 6
Principal Registrant: $700
Additional Registrant from same office (limit of 2): $375

After March 6
Principal Registrant: $750
Additional Registrant from same office (limit of 2): $400

Continental breakfast and lunch provided.
Saturday, April 11, 2015

(A 1/2 Day Lecture)

Sealants: Retention vs. Caries Prevention

Presented by: Dr. Daniel Boyd, BSc, PhD
Dr. Sachin Seth, BSc, DDS, MEd

Course Outline

The use of sealants for caries prevention and management is commonplace in the dental office. Multiple material technologies exist which offer a myriad of physical and caries preventative properties. Traditionally resin based sealants have been utilized. Although resin composites exhibit high retentive properties, it is conventionally held that they offer little to no additional caries prevention. Consequently, the use of glass ionomer cements (GICs) as sealants may provide an advantageous alternative to resin composites. GICs bond to dentin and enamel, release fluoride across an extended period and are biocompatible. They also are technically less sensitive than are conventional resin-based materials. This course will explore the recent evidence to compare both resins and GICs materials as pit and fissure sealants based on retention and caries prevention.

Course Objectives

• Learn up-to-date evidence based recommendations on the advantages and disadvantages of conventional pit and fissure sealant agents
• Become aware of the differences between GICs, Resins, and Resin Modified GICs
• Learn which materials will work best depending on various clinical situation and why

Continued on next page
About the Presenters

Dr. Daniel Boyd, PhD, is an Assistant Professor (Biomaterials), with a primary appointment in Faculty of Dentistry at Dalhousie University. Dr. Boyd also holds cross-appointments in the Faculties of Medicine and Engineering at Dalhousie University through the School of Biomedical Engineering, and holds a cross appointment in the Department of Radiology. Dr. Boyd graduated with a degree in Materials Science (2000) and worked as a product engineer for a Multi-National company before moving to the Materials and Surface Science Institute (MSSI), at the University of Limerick (Ireland) to pursue a PhD relating to hard tissue biomaterials. For his PhD, he developed and patented a new generation of glass ionomer cements for use in a variety of applications including spine repair. During this time he became interested in composition-structure-property relationships in zinc-silicate based glasses and ionomer cements and is developing a range of bioactive materials for a range of indications including ART.

Dr. Sachin Seth completed his BSc and DDS degrees at Dalhousie University in 1996 and 2000 respectively. In 2011 he obtained his MEd in curriculum development from Acadia University. He is currently an assistant professor in the division of Dental Clinical Sciences at Dalhousie University where he is course director for first year patient care as well as cariology in addition to third and fourth year clinical supervision. Sachin maintains a private practice in Halifax with a focus on general dentistry for both adults and children.

Registration Info

Early Bird Registration Date: March 27, 2015
Check-in 8:30 am
Course Times 9:00 am – 12 noon
Location Faculty of Dentistry Room TBA
Credits 3 hours of Lecture
Fees

Until March 27th
DDS $175
ADHP $100

After March 27th
DDS $225
ADHP $125

Continental breakfast provided.
April 20 – 25, 2015

3rd Annual Bike and Learn: A Joint Medicine and Dentistry CE Program

Santa Ynez, California

For those passionate about cycling we are very excited to offer this unique continuing education course for dental and medical professionals. This program will combine 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 will vary each evening. The evenings will begin with a presentation from an expert in the respective area followed by case presentations and discussion by course participants. This will allow participants to obtain input from the expert and other participants on challenges they have faced in their own practice.

Scheduled presentations

- Donald Clow, FCA
  Investment strategies for professionals
- Dr. Kenneth Fletcher Jr., MD
  Office-based laryngology — bringing the operating room back to the office
- Dr. John Grantmyre, MD, FRCS(C)
  The Urological impact of cycling
- Johan Van Limbergen, MD, MRCPCH, PhD
  Orofacial granulomatosis and oral Crohn’s disease: diagnosis and approach

Due to popular demand, we will be returning to Santa Ynez, California for the third 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, California 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, as well as a prominent feature in the Tour of California.

Registration Info:

Space for this program is limited to 25 participants.

Register early — Preliminary interest indicates spaces will reach capacity quickly.

Credits: 12 hours of Lecture

Cost: $3950

(includes accommodation, meals, ground transportation in California, cycling and CE course fee)
(Air fare is NOT included)

For further information please contact:
cde.dentistry@dal.ca
Or Dr. Chad Robertson
chad.robertson@dal.ca

Complete details at:
www.dal.ca/dentistry.cde
Saturday, April 25, 2015

Prosthodontics: Past, Present and Future

Presented by: Dr. Tanya Cook, BSC, DDS, MASC, Dip Pros, FRCD(C)

Course Outline

Materials and Technologies
Dental materials of the past, present and future will be addressed in these categories:

- Luting Materials
- Restorative Materials
- Full Coverage and Partial Coverage Restorations
- Porcelain Restorations
- CAD / CAM
- Posts + Cores
- Removable Prosthodontics
- Implant Prosthodontics

These types of restorations will be discussed in detail including their indications and rationale for use. The principles of preparation design and techniques will also be addressed.

Occlusion
Occlusal schemes as they pertain to various clinical presentations will be discussed. The importance of centric relation and centric occlusion and when to use them will be addressed. The importance of anterior guidance in establishing appropriate occlusion will be discussed as well. Occlusal schemes will be discussed as they pertain to simple and complex restorations.

Course Objectives
On completion of the course, participants will be familiar with many of the prosthetic materials that are available on the market today. Participants will be able to select the appropriate prosthodontic materials for the appropriate clinical procedures. Participants will also have a general understanding of occlusal schemes and their application in clinical prosthodontics. Understanding occlusion and appropriate prosthetic materials help to limit prosthodontic failures.

About the Presenter

Dr. Tanya Cook, BSC, DDS, MASC, Dip Pros, FRCD(C) is a certified specialist in Prosthodontics. She obtained her Doctor of Dental Surgery degree from Dalhousie University as well as her Prosthodontics specialty. She pursued a General Practice Residency through the University of British Columbia as well. Dr. Cook is currently in Prosthodontic Practice in Halifax N.S as well as Truro N.S. 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 engages in part-time teaching.

Registration Info

Early Registration Deadline Date: April 10, 2015
Check-in: 8:30 am
Course Times: 9:00 am – 4:30 pm
Location: Jenkins Hall
Faculty of Agriculture Campus
Truro, NS

Credits: 6 hours of Lecture

Fees:

Until Apr. 10th
DDS $350
ADHP $150

After Apr. 10th
DDS $400
ADHP $175

Continental breakfast and lunch provided
Thursday, Friday, Saturday and Sunday, April 30 – May 3, 2015

Local Anesthesia for the Dental Hygienist
(A Lecture and Hands-on Course)

Presented by: Dr. Benjamin Davis, DDS, FRCD(C)
Dr. Jean-Charles Doucet, DMD, MD, MSc, FRCD(C)

Course Outline
This four-day course will provide the dental hygienist 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 the patient for local anesthesia
- Pharmacology of local anesthetics
- Pharmacology of vasoconstrictors
- Calculating doses administered
- 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

The clinical “hands on” training will allow the participant to learn the basic maxillary and mandibular local anesthesia technique by performing these techniques on fellow course participants under the supervision of members of the Division of Oral and Maxillofacial Surgery.

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 the participant 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.

Continued on next page
Local Anesthesia for the Dental Hygienist
(A Lecture and Hands-on Course)

Presented by: Dr. Benjamin Davis, DDS, FRCD(C)  
Dr. Jean-Charles Doucet, DMD, MD, MSc, FRCD(C)

About the Presenters

Dr. Ben Davis, DDS, FRCD(C) finished his Oral and Maxillofacial Surgery training at University of Toronto and then completed twelve months of Fellowship training at Dalhousie. He is currently Associate Professor and Chair of the Department of Oral and Maxillofacial Sciences at Dalhousie. Dr. Davis is actively involved in teaching and is an examiner for the Royal College of Dentists of Canada. He is presently the District Chief of the Department of Oral and Maxillofacial Surgery at the QE II Health Sciences Centre and is consulting staff at the IWK Health Centre. Dr. Davis’ interests included pain management, TMJ surgery, trauma, and facial reconstruction.

Dr. Jean-Charles Doucet, DMD, MD, MSc, FRCD(C) is an Assistant Professor of the Division of Oral and Maxillofacial Science at Dalhousie University, Halifax, Canada. Originally from Montreal, he speaks fluently French and English. He completed his dentistry degree (DMD) at the University of Montreal in 2004, followed by a general practice residency at the Notre-Dame Hospital, Montreal in 2005. He then obtained both his medical degree (MD) and masters of Science, (MSc) and completed his residency in Oral and Maxillofacial Surgery (FRCD) at Dalhousie University in 2011. He then concluded his subspecialty training with a Cleft and Craniofacial Fellowship at the University of Montpellier-1, France in 2012.

Dr. Doucet joined the QE II Health Sciences Centre and IWK Health Centre, Halifax, Canada in July 2012 as an attending oral and maxillofacial surgeon. His principal clinical interests include the primary and secondary repair of cleft lip and palate, the surgical management of cleft related speech problems, and the correction of other craniofacial deformities. Dr. Doucet has numerous peer-reviewed publications and his research interests focus on the primary repair of the cleft lip nasal deformity, early alveolar bone grafting, and cleft distraction osteogenesis.
Saturday, May 23, 2015

Endodontic Management of Acute and Chronic Injuries to the Teeth

Presented by: Dr. Robert S. Roda, DDS, MSc

Course Outline

Surviving Dental Trauma
When faced with the urgency of a dental trauma, the clinician must rapidly triage the patient and perform appropriate treatment to maximize the likelihood of long term retention of the involved teeth. This presentation will cover the basics of diagnosis, treatment planning, and prognosis for management of dental injuries including crown and/or root fracture, luxation injuries, and avulsion injuries. The current IADT/AAE Guidelines will be presented to allow the clinician to rapidly and effectively deal with occurrences of trauma to the teeth.

Course Objectives

By the end of this evidence-based presentation, the participant should:

• Understand the 2013 IADT/AAE Trauma Guidelines and how their application improves outcomes during trauma treatment
• Be familiar with how to differentiate the various forms of trauma and why timing is critical to minimizing post-trauma complications
• Understand the role of timely follow up evaluations in maximizing prognosis after dental trauma

Cracked Teeth: A Modern Epidemic?
Cracked teeth are becoming a more common problem for patients in the last several decades and yet the paucity of evidence-based information on this clinical entity leaves clinicians with no reliable preventive or treatment options. This presentation will highlight the nature and possible origins of cracked teeth to help the clinician to decide whether or not there may be a developing public oral health problem that rivals caries and periodontal disease in its destructive effects on the teeth.

Course Objectives

At the end of this presentation, the attendee should:

• Learn the clinical signs and symptoms of cracked teeth in order to develop a diagnosis and prognosis for the patient
• Understand the lack of good evidence for determining the epidemiology and etiology of cracked teeth and the need for more research in this critical area
• Know how the American Association of Endodontists will be managing an initiative to eliminate fractured teeth as a major cause of tooth loss by the year 2050

Continued on next page
Endodontic Diagnosis
As new technologies arrive to aid the clinician in endodontic diagnosis, the astute practitioner decides how to implement these technologies in a manner consistent with the science and basic clinical principles of Endodontics.

This clinically oriented presentation will focus on how clinical best practices help to deliver the highest level of confidence in Endodontic diagnosis.

Course Objectives
At the end of this presentation, participants should:

- Understand how systematic implementation of a thorough diagnostic process can reduce guesswork and simplify endodontic decision making
- Learn how to perform clinical Endodontic diagnostic procedures efficiently to develop an accurate measure of the status of the tooth
- Develop an evidence based diagnosis using the latest terminology from the American Board of Endodontics

Disinfection of the Root Canal Space
As new technologies arrive to aid the clinician in endodontic cleaning and shaping, the astute practitioner decides how to implement these technologies in a manner consistent with the science and basic clinical principles of Endodontics.

This clinically oriented presentation will focus on how new irrigation technologies, and the latest instruments can be used in concordance with clinical best practices to help deliver the highest level of care possible

Course Objectives
On completion of this lecture, participants will be able to:

- Understand how setting the goal of the prevention and treatment of apical periodontitis changes every aspect of how you will look at endodontic therapy
- Understand how the prognosis changes with an infected versus non-infected root canal space
- Decide between the various new irrigation methodologies to implement thorough canal cleaning and disinfection

Continued on next page
Saturday, May 23, 2015

Endodontic Management of Acute and Chronic Injuries to the Teeth

Presented by: Dr. Robert S. Roda, DDS, MSc

About the Presenter
Dr. Robert Roda, DDS, MSc, graduated from the Faculty of Dentistry at Dalhousie University in Halifax, Canada in 1981 and maintained a full-time private general practice in Dartmouth, Nova Scotia for ten years. He returned to school at Baylor College of Dentistry in Dallas Texas, and received his Masters of Science (Oral Biology) and Certificate in Endodontics in 1993. He became a Diplomate of the American Board of Endodontics in 1998. Dr. Roda has published and lectured internationally, most recently co-authoring the chapter on non-surgical retreatment in the 10th edition of Pathways of the Pulp. He is an Adjunct Assistant Professor at Baylor, current President of the American Association of Endodontists, and is an active member the American Dental Association. Dr. Roda is an Associate Editor of the Journal of Endodontics, and is the Endodontic Consultant to the Arizona State Board of Dental Examiners. He maintains a private practice limited to Endodontics in Scottsdale, Arizona.

Registration Info
Early Bird Registration Date: May 8, 2015
Check-in: 8:30 am
Course Times: 9:00 am – 4:30 pm
Location: Faculty of Dentistry Room TBA
Credits: 6 hours of Lecture
Fees:
Until May 8th
DDS $350
ADHP $150
After May 8th
DDS $400
ADHP $175
Continental breakfast and lunch provided
Lecture Attendance Program

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

Program Protocol

• Limited attendance: maximum 2 practitioners per course
• 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, dental hygienists and dental assistants). The CDE office will provide the forms for registering for lectures
• The program does not include hands-on laboratories
• No food or beverages are included in this program
• To allow normal progress of the student lecture and learning experience without interruption, participants cannot ask questions or make comments during the lecture. The lecturer’s primary responsibility is to students enrolled in the curriculum. If time permits following the lecture, participants may ask questions or make comments to the lecturer. Online discussions and questions after a lecture are encouraged
• Handouts and resource materials will be provided at the discretion of the faculty member
• 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
• CDE credits will be issued after the final course lecture

List of Lecture courses available for this program:

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.

Continued on next page
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
A course that uses lectures, seminars and web resource 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, exercises. Subject areas include treatment planning, treatment sequencing and prevention with 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 biomaterials topics will be discussed.

Course CE Credit and Fee Structure
1 CE credit per 1 hour of lecture
ATTENDED

Term 1
Credit hours available: maximum of 13

Term 2
Credit hours available: maximum of 17

Fees:
Term 1: $650
Term 2: $850

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.
Registration Information

1. **Register by Fax**
   Fax the completed form to 902-494-5101

2. **Register by Phone**
   Call 902-494-1674

3. **Register by Mail**
   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

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

5. **Register Online**
   To register on line, visit our website:
   https://registration.dentistry.dal.ca

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**Cancellation Policy:**
Dalhousie University’s Faculty of Dentistry reserves the right to cancel any course due to insufficient registration or circumstances beyond our control. Requests for refunds for cancellations must be received by fax or by email, 6-10 business days prior to the course date and are subject to a $50 processing fee. No refunds will be issued when participants cancel their registration 5 business days or less, prior to the course date.

**Photography:**
From time to time, a photographer may be present and taking photographs of various courses, instructors and attendees for marketing and advertising purposes. Participants not wishing to be photographed should inform a staff member of the Continuing Dental Education team.

**Disclaimer:**
Dental education institutions have an obligation to disseminate new knowledge related to the dental practice.

In so doing, some presentations may include controversial materials or commercial references. Sponsorship of a Dalhousie continuing education course does not imply endorsement of a particular philosophy, procedure, or products by this institution.

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**Continuing Dental Education**
Faculty of Dentistry,
Dalhousie University
Halifax, NS B3H 4R2
Phone: 902-494-1674
Fax: 902-494-5101
E-Mail: cde.dentistry@dal.ca
dal.ca/dentistry/cde
Registration Form

Please make/use additional copies for each person registering.

Name: ____________________________________________________________
Address: _________________________________________________________

City: _____________________________________________________________
Prov: _____________________________________________________________

Postal Code: ______________________________________________________
Phone (W): ( ) ____________________________

E-mail: ___________________________________________________________
Phone (H): ( ) ____________________________

Course Information

1
Date: _________________________________ Fee: ______________________________
Title: ___________________________________________________________________

2
Date: _________________________________ Fee: ______________________________
Title: ___________________________________________________________________

3
Date: _________________________________ Fee: ______________________________
Title: ___________________________________________________________________

4
Date: _________________________________ Fee: ______________________________
Title: ___________________________________________________________________

Payment Information

Cheque # _______________________________ Cheque Amount $ ______________________

Cheques to be made Payable to Dalhousie University

Cheque is enclosed □  VISA □  Mastercard □  AMEX □

Card # ____________________________________________________________________
Exp. Date: ______________

Signature: __________________________________________________________________

After-hours Access/Parking

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 the after-hours entrance to the Dentistry building is on College Street, highlighted on the map below.

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 a.m. to 6 p.m. Monday to Friday, excluding holidays. In addition, the IWK Health Centre has an above-ground parkade available at hourly rates.