CONTINUING
DENTAL
EDUCATION

September 2015 – August 2016
COURSE CATALOGUE
August 2015

Dear Life Long Learner:

I am pleased to present the new 2015-2016 Continuing Dental Education course catalogue for the Dalhousie University Faculty of Dentistry. I hope that you will be able to take advantage of some of the excellent educational opportunities available.

There is an exciting line-up of courses again this year, some of which are offered at offsite locations. If you are a cyclist, check out the 4th Annual Bike and Learn, which will be held in Santa Ynez, California, in April 2016.

The majority of Continuing Dental Education courses will take place here at Dalhousie, with a wide range of speakers and presentations offering something for the entire dental team.

If you have suggestions for future speakers and/or courses that you would like us to program, please email me directly at catherine.lyle@dal.ca. It would be my pleasure to hear from you and receive feedback on the courses we offer. All course listings and updates can be found at www.dal.ca/dentistry/cde.

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 this year!

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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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.
CDE Dalhousie University Faculty of Dentistry

MISSION
To provide evidenced-based education and encourage life-long 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 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.

WHAT’S NEW!
Online Course Evaluations
This year, CDE participants can fill in their course evaluations online after completing a course. Once the evaluations are completed, participants will receive the documentation for their CE credits.

Facebook and Twitter
Watch for the launch of our new Facebook page and Twitter account in the fall. These new social media channels will help our CDE community stay up-to-date with our activities and changes to course information.

CDE Needs Assessment
The CDE office at the Faculty of Dentistry will be conducting a community needs assessment to help with strategic planning. The assessment will enable us to identify and prioritize community dental education needs and to work toward incorporating the needs of the dental community into the CDE programming over the next few years. It will also benefit the dental community by collecting timely input from members, providing a guide to decision-making and marketing efforts, and gathering feedback and information from community members. The CDE office will conduct the assessment by distributing an online survey over the next year and by meeting with members of the dental community through their regional associations and at conferences and courses.

SPECIAL WINTER HOTEL RATES AT THE LORD NELSON HOTEL
The Lord Nelson Hotel is extending its winter storm rate of $99 plus tax per night between November 2015 and March 2016. To take advantage of this rate, let the hotel know that you are registered for a Dalhousie CDE course when you make your reservation.
Upcoming Dentistry Alumni Events

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

AUGUST 28, 2015
CDA Alumni Reception
St. John’s, NL

SEPTEMBER 19, 2015
Dr. Harold Brogan Memorial Golf Classic
Hammonds Plains, NS

OCTOBER 2, 2015
Dr. John Laba Memorial Dinner
Wolfville, NS

OCTOBER 15-17, 2015
Dalhousie Homecoming
Halifax, NS

OCTOBER 16, 2015
JD McLean Lecture
Halifax, NS

OCTOBER 22, 2015
Dentistry Alumni Lecture Series & Reception
Charlottetown, PE

NOVEMBER 19, 2015
Dentistry Alumni Lecture Series & Reception
Toronto, ON

JANUARY 16, 2016
Dentistry Winter Ball
Halifax, NS

JANUARY 29, 2016
Table Clinics
Halifax, NS

FEBRUARY 15, 2016
Dalhousie Alumni Awards Nomination Deadline

MARCH 18, 2016
PDC Alumni Reception
Vancouver, BC

JUNE 1, 2016
Dentistry Outstanding Alumni Award Nomination Deadline
September 2015 – August 2016
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Test Your Diagnostic Skills: An Interactive Course 
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Diagnosis, Prevention and Treatment of Peri-Implant 
Disease in the Dental Office

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Managing Endodontics in the 21st Century

_Lecture Attendance Program 2015-2016 ................. 32-33_
Re-Defining Our Role in Ensuring Periodontal Systemic Health and Best Practice Approach to Target Diabetes in Dental Patients

CASEY HEIN, BSDH, MBA, RDH

PRESENTER BIO

Ms. Hein is an Assistant Clinical Professor in the Department of Periodontics and Director of Education of the International Centre for Oral-Systemic Health and Director of Continuing Professional Development for Dentistry and Dental Hygiene at the University of Manitoba. She leads the development of the first comprehensive, multi-media curriculum, Oral-Systemic Health Education for Non-Dental Healthcare Providers, which won for the University of Manitoba the prestigious William J. Gies Award for Outstanding Innovation in 2015. Ms. Hein has also led notable inter-professional education events at the University of Manitoba, including programming in oral-systemic health (recognized by the Royal College of Physicians and Surgeons), and obesity intervention. She is best recognized for her well-published work and presentations about clinical integration of well-supported evidence of oral-systemic interrelationships, throughout the healthcare arena.

COURSE OUTLINE

Emerging evidence of periodontal-systemic relationships has reached a tipping point which can no longer be ignored, and integrating credible findings of this research into clinical dentistry and dental hygiene can no longer be considered optional. How much does periodontal disease contribute to the risk for inflammatory driven disease states such as diabetes? And, what is the role of dentists and dental hygienists in assessing patients for diabetes and Metabolic Syndrome? How should our care of these patients differ from those who are healthy? This course presents a compelling rationale for dentists and dental hygienists to adopt a progressive role in the care of patients with diabetes.

COURSE OBJECTIVES

After attending this course, participants should be able to:

• Communicate scientifically founded messages to patients about the interrelationship between diabetes and periodontal disease.
• Implement bi-lateral point-of-care screening and referral of patients at risk for diabetes and periodontal disease (medical-dental collaboration).
• Document important information associated with the status of a patient’s glycemic control and diabetes case management.
• Recognize oral complaints and findings, which may indicate impaired immune response in diabetes.
• Consult with a patient’s physician regarding diabetes case management when necessary.

Early Bird Deadline Date
Friday, September 11, 2015

Registration Check-in
8:30 am

Course Times
9:00 am to 4:30 pm

CE Credits
6 hours of lecture

For course fee information, go to page 35
THURSDAY EVENINGS, OCTOBER 1 TO NOVEMBER 19, 2015

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

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

PRESENTER BIO
Dr. 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 & 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 the 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 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.

Limited attendance – 20 participants

Early Bird Deadline Date
Monday, September 14, 2015

Registration Check-in
5:30 pm

Course Times
6:00 pm to 8:00 pm (Light supper will be provided)

CE Credits
16 hours of lecture

For course fee information, go to page 35
SATURDAY, OCTOBER 3, 2015

Posterior Composites and Curing Lights: Tips and Tricks

DR. RICHARD PRICE, BDS, DDS, MS, FRCD(C), PhD

PRESENTER BIO
Dr. Price received his DDS from Dalhousie’s Faculty of Dentistry. He completed his MS in Restorative Dentistry at the University of Michigan in 1984 and his PhD at the University of Malmö, Sweden in 2001. Dr. Price runs the Advanced Restorative Elective for the Fourth Year Dental Students and also works in the Faculty of Dentistry practice at Dalhousie University. Dr. Price is the co-inventor of the MARC™ system for teaching effective light curing and is actively involved in research. He has made numerous CDE presentations and has also been author of more than 60 peer-reviewed articles.

COURSE OBJECTIVES
Upon completion of this course, participants will be able to:
• Describe the types, clinical applications, and limitations of bulk-fill composites.
• Understand how to reduce shrinkage stress and increase depth of cure.
• Explain the importance your curing light is in your office.

Early Bird Deadline Date
Friday, September 18, 2015

Registration Check-in
8:30 am

Course Times
9:00 am to 4:30 pm

CE Credits
6 hours of lecture

For course fee information, go to page 35

A portion of this program is being generously sponsored by an unrestricted educational grant from Ivoclar Vivadent
Office Team Building Workshop

BRYAN FADER, CMT, Adult Education – MSVU

PRESENTER BIO

Mr. Fader is a Mental Skills Trainer who works with athletes and corporate associations/employees wanting to remove barriers and maximize their performance potential. Bryan has 25 years of experience in adult education and training and has worked with major corporations and high-level athletes across North America. He is currently the Mental Skills Trainer for Mount Saint Vincent University and also works privately with (but not limited to) Athletic clients in competitive swimming, QMJHL and Minor Hockey Associations, gymnastics and golf, to augment their athletic excellence as well as Corporate individual clients helping them get focused and stay focused. Bryan also does large format seminars for corporations such as Tim Horton’s and full sport teams. As a Mental Skills Trainer, Bryan works to develop goals, increase focus, conduct team building exercises, coach individuals/players in imagery, mental toughness and positive mental focus. Bryan is a Competitive Golfer and Marathon Runner and has been a director for BIANS (brain injury), Dalhousie University Volunteer of the Year and local fundraiser for several local charities.

COURSE OUTLINE

ROPE is a team-building model that I have developed through extensive work and research in Team success. Discovering and fostering the “why” of team building creates lasting results with any group. Through experiential participation, members will shift the way they see each other and subsequently their daily work experience. Creating a stronger work environment, happier employees and a more productive business model.

COURSE OBJECTIVES

By the end of the workshop you and your staff will have an introduction and working model to team building and create a vision statement for your office. This program will allow your team to return the next day to a stronger happier and more productive work environment. Within this workshop/seminar you and your staff will create a stronger bond and purpose to move forward in one direction. This course will encourage change within your practice and provide the tools to execute that change.

Mental Skills Training for your team can help you:

• Clear away the obstacles that keep you from achieving peak performance.
• Enhance consistency in your preparation and performance for your work life.
• Increase your ability to perform successfully under pressure.
• Believe in your ability to accomplish your goals.
• Prepare for and handle the challenges of daily life.
• Develop the confidence and focus necessary to take your outcome to the next level.

Early Bird Deadline Date
Friday, October 2, 2015

Registration Check-in
8:30 am

Course Times
9:00 am to 4:30 pm

CE Credits
6 hours of lecture

For course fee information, go to page 35

For course fee information, go to page 35
SATURDAY, OCTOBER 31, 2015

Infection Control and Emerging Infectious Diseases

DR. JOHN MOLINARI, PhD

PRESENTER BIO
Dr. Molinari is currently Director of Infection Control for THE DENTAL ADVISOR in Ann Arbor, Michigan. He has published over 500 scientific articles, text chapters, and abstracts in the areas of microbiology and immunology, and lectures on topics dealing with infectious diseases and infection control.

COURSE OUTLINE
Infectious diseases described over the past 4 decades include those caused by newly discovered microbial pathogens and re-emergent infections. This seminar will initially consider the increasing problem of antibiotic-resistant microorganisms. Other infections, such as Middle East Respiratory Syndrome, present occupational risks to health care workers (HCW) and will be discussed, along with challenges presented by blood-borne pathogens (hepatitis B and C viruses and Human Immunodeficiency Virus), respiratory infections (influenza viruses, tuberculosis and pertussis), direct contact infections, and antibiotic-induced Clostridium difficile infection, in the context of current epidemiology and scientific evidence.

Current Nova Scotia Dental Association and CDC dental infection control recommendations (such as hand hygiene, immunizations, personal protective equipment (PPE), instrument reprocessing, disinfection, and dental water asepsis) are frameworks for this portion.

COURSE OBJECTIVES
At the conclusion of this presentation, participants should be able to:

• Describe major global and epidemiological factors which can lead to the emergence and re-emergence of infectious diseases.

• Describe the challenges representative blood-borne, airborne, and contacted-mediated infections present to HCW and the population and comprehend the occupational risks they present.

• Understand the most recent updates for provincial and CDC infection control recommendations including the rationale for effective, fundamental hand hygiene procedures, the most current vaccination recommendations for dental personnel, technology advances for PPE, instrument processing, sterilization, & disinfection, and the use of disinfectants in environmental surface asepsis.

• Describe factors which can lead to dental unit waterline (DUWL) contamination

A portion of this program is being generously sponsored by an unrestricted educational grant from Hu-Friedy and Sci Can

Early Bird Deadline Date
Friday, October 16, 2015

Registration Check-in
8:30 am

Course Times
9:00 am to 4:30 pm

CE Credits
6 hours of lecture

For course fee information, go to page 35
Digital Dentistry and the Virtual Patient

**PRESENTER: DR. DAVID GRATTON, DDS, MS**

**PRESENTER BIO**

Dr. Gratton is an Associate Professor, Department of Prosthodontics, and Chairman, Health Technologies, at The University of Iowa. Dr. Gratton received his D.D.S. from The University of Michigan then his Certificate in Prosthodontics and M.S. from The University of Iowa. He is a Fellow of the Academy of Prosthodontics and a Fellow of the International Team for Implantology. He teaches fixed, removable and implant prosthodontics at the predoctoral and graduate levels. His scholarly activity includes evolving digital technologies and CAD/CAM materials. Dr. Gratton participates in an intramural prosthodontic practice incorporating digital technologies at The University of Iowa.

**COURSE OUTLINE**

The landscape of clinical dentistry is changing rapidly with an ever-increasing variety of digital technologies replacing the analog techniques with which we are so comfortable. This is especially true in the realm of impression making procedures and chair side prosthesis manufacturing. However, at each phase of restorative and implant treatment, processes can be digitized, resulting in the virtualization of the patient from diagnosis through prosthesis delivery. These digital technologies will be explored to generate familiarity with their capabilities, advantages, and disadvantages. Are these new technologies jeopardizing the role of the dental technologist as a member of the team? Does the scientific evidence support the routine clinical use of these emerging technologies for the evolving virtual dental patient, and ultimately improving patient care?

**COURSE OBJECTIVES**

In consideration of both the conventional prosthodontic and implant prosthodontic patient, upon completion of this course, the participant will have a greater understanding of current and emerging technologies for each phase in the treatment of dental patients, especially digital intra-oral impression systems and chair side CAD/CAM systems.
Pharmacology and Therapeutics Update

DR. W. CHOONG FOONG, BSc (Hons), PhD

PRESENTER BIO
Dr. Foong received his BSc (Hons) and PhD in Pharmacology from the School of Pharmacy, at Portsmouth University, England. After receiving his PhD he joined Dalhousie University for two successive Post-Doctoral fellowships in the areas of Biopharmaceuticals and Dental Materials. He was a full-time tenured faculty member at Dalhousie from 1989 to 2001. He has won research grants and published in the areas of cancer biology, drug delivery systems and dental education. In recognition of his excellence in teaching, he was awarded the W.W. Wood Teaching Award for Excellence in Dental Education. He is a consultant to the National Dental Examining Board of Canada.

Dr. Foong is an Associate Professor in the Department of Biomedical and Diagnostic Sciences, School of Dentistry, University of Detroit Mercy and an adjunct Professor at St. Clair College Windsor, Ontario. He currently teaches and directs graduate and undergraduate pharmacology courses in nurse anesthesiology, physician assistant, dental hygiene and dentistry programs. He also actively participates in clinical teaching, providing chair-side pharmacology and therapeutics education to dental hygiene and dentistry students.

COURSE OUTLINE
Today, many dental patients are taking multiple prescribed and over-the-counter medications, herbal and supplement products. This program will review and update oral health care providers on pharmacotherapeutics in dentistry. This program utilizes clinical case scenarios to provide a scientifically-based selection of pharmacological agents for the management of acute pain, chronic pain and oral-facial infections. This course will also provide an overview of pharmacotherapy in the geriatric population and highlight selected drugs and natural products that have potential adverse effects and drug interactions that are important to dental patient management.

COURSE OBJECTIVES
Upon successful completion of this program, participants will have an:

• Update of drugs employed in both acute and chronic pain management in dentistry including the action, adverse effects, and drug interaction associated with local anesthetics, narcotic and non-narcotic analgesics and analgesic adjuvants.

• Update of antibiotics commonly employed in the management of oral facial infections, including the action, adverse effects, and drug interaction associated with these agents.

• Overview of the implications of common prescribed medications, OTC drugs, herbal and supplements on dental patient management.

• Overview of pharmacotherapy in the elderly patients.

Early Bird Deadline Date
Friday, November 13, 2015

Registration Check-in
8:30 am

Course Times
9:00 am to 4:30 pm

CE Credits
6 hours of lecture

For course fee information, go to page 35
Dental Implant Restorations: Current Techniques (Lecture and Hands-on)

DR. MARK VALLÉE, BSc, MS, DDS, DP, FRCD(C)

PRESENTER BIO
Dr. Vallée is an Associate Professor with the Faculty of Dentistry at Dalhousie. He completed specialty training in Prosthodontics at the University of Minnesota. Dr. Vallée currently teaches implant dentistry at Dalhousie Dental School and maintains his own private practice in Prosthodontics with a special interest in implant restorations.

COURSE OUTLINE
This course will outline current dental implant restoration techniques and materials. General aspects of single implant therapy will be discussed as well as multiple implants and comprehensive treatments. The focus of this course will be on successful and predictable outcomes of basic to advanced treatments. A variety of topics will be covered including:

- Treatment planning and treatment options
- Choosing the appropriate implant
- Immediate temporization
- Impression techniques
- Abutment choices and the use of multiple-unit abutments
- Single and multiple unit implant restorations
- Avoiding and managing complications

COURSE OBJECTIVES
At the end of this course participants will have gained a better understanding of current dental implant restoration techniques and materials. Information will be given on how to choose the correct implant and the correct components to achieve the best possible outcome.

During the hands-on portion of the course, participants will become familiar with several implant components and will learn to fabricate an implant supported provisional crown.

Lecture - Open
Hands-on (limited attendance) – 20 participants

A portion of this program is being generously sponsored by an unrestricted educational grant from Nobel Biocare

Early Bird Deadline Date
Friday, November 20, 2015

Registration Check-in
8:30 am

Course Times
9:00 am to 12:00 pm lecture only
1:00 pm to 4:30 pm hands-on

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

For course fee information, go to page 35
FRIDAY, JANUARY 29, 2016

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

DENTAL CARE PROVIDERS AND UNIVERSITY MEMBERS ARE INVITED TO ATTEND.

DENTISTRY STUDENT TABLE CLINICS
Student table clinics are brief (5-10 minute) oral presentations in areas of clinical application and techniques, or they can be in 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 first selecting a topic that they wish to present. They must thoroughly research their own topic and provide a critical analysis, conclusions and recommendations. Alternatively, students may conduct a 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 will give short (10-15 minute) evidence based educational presentations that are related to “Management of Medical Emergencies for Dental Hygienists.” The presentations will be held in classrooms in the Dentistry building and scheduled in a way that will allow individuals to see all the presentations. The content for the presentations will have been researched by the students and evaluated by Faculty and peers prior to presenting on January 29. A fact sheet 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
(Sponsored by Pro-Dent)
Awards: 9:00 pm to 9:45 pm

A portion of this program is being generously sponsored by an unrestricted educational grant from PRO-DENT Laboratory

Start
5:00 pm

Presentation Times
5:00 to 8:00 pm

Location
Faculty of Dentistry, Main Floor Clinic – 2nd Floor and 4th Floor, Room 4116 and 4117

CE Credits
To receive CE credits you must sign-in at the registration desk by 6:00 pm

Fee: Free of Charge
CONTINUING DENTAL EDUCATION
COURSE CALENDAR

SATURDAY, JANUARY 30, 2016

Incorporating Contemporary Endodontics Into Your Practice (Lecture and Hands-on)

DR. ISABEL MELLO, DDS, MSC, PhD, FRCDC & RODRIGO CUNHA, DDS, MSC, PhD, FRCDC

PRESENTER BIOS

Dr. Mello is currently an Associate Professor and Head of the Division of Endodontics at Dalhousie University and serves as consulting staff at the IWK Health Centre. Dr. Mello has published over 30 papers in peer-reviewed journals. She is a member of the American Association of Endodontists, Canadian Academy of Endodontics and the Halifax Dental County Society and a guest mentor for the East Coast Endodontic Study Club. She also serves as a reviewer for the Journal of Endodontics.

Dr. Cunha is an Associate Professor and Division Head, Endodontology at the College of Dentistry, University of Manitoba. He has been a guest speaker at many events in South America, North America, Europe and UAE and published more than 50 papers and in peer-reviewed journals. He is a reviewer for the IEJ and JOE and also an Associate Editor of the South Brazilian Dentistry Journal. He is also a member of the American Association of Endodontics and Canadian Academy of Endodontics.

COURSE OUTLINE

This course is designed for clinicians who want to feel more comfortable doing their endodontic cases, utilizing evidence-based contemporary materials and techniques. Course experts will teach safe, efficient and predictably successful endodontic techniques that may be immediately implemented into practice.

The morning session includes lectures, which will explore how to properly perform straight-line access to facilitate cleaning, shaping, and obturation. The course will provide an overview of cleaning and shaping concepts, such as hand and mechanical glide path management and sequential preparation with different rotary and reciprocating systems. Course experts will explore the role of different irrigants and the importance of 3D irrigation to allow optimal cleaning and disinfection of the root canal system.

In the hands-on afternoon session, participants will experience the concepts and techniques approached in the lectures and will have the opportunity to try different mechanical systems for cleaning and shaping. The dynamics of working efficiently with a dental assistant will be shown and exercised.

COURSE OBJECTIVES

Upon completion of this course, participants should be able to:

- have a better understanding of current rotary and reciprocating systems and how improvements in the metallurgy process impact instruments flexibility and resistance to fracture;
- identify the role of various irrigants as adjuncts for disinfection of the root canal system and perform disinfection utilizing appropriate instruments/tools;
- articulate strategies to maintain apical control and optimal shape;
- apply strategies to optimize 4-handed endodontics.

Lecture - Open

Hands-on (limited attendance) – 24 participants

Early Bird Deadline Date
Friday, January 15, 2016

Registration Check-in 8:30 am

Course Times
9:00 am to 12:00 pm lecture
1:00 pm to 4:30 pm hands-on

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

For course fee information, go to page 35

A portion of this program is being generously sponsored by an unrestricted educational grant from Dentsply
### CONTINUING DENTAL EDUCATION

**September 2015 – August 2016 COURSE CALENDAR**

**SEPTEMBER 2015**

**SATURDAY, SEPTEMBER 26, 2015**
Re-Defining Our Role in Ensuring Periodontal Systemic Health and Best Practice Approach to Target Diabetes in Dental Patients
Presenter: Casey Hein

**THURSDAYS, OCTOBER 1 - NOVEMBER 19, 2015**
Mindfulness for the Health Care & Other Professionals: An 8-week Immersion in Self-Care
Presenter: Dr. John Lovas

**OCTOBER**

**FRIDAY, OCTOBER 2, 2015**
Dr. John Laba Memorial Dinner and Lecture, Wolfville, NS
For further information contact: Dr. Erin Hennessy 902.542.3386

**SATURDAY, OCTOBER 3, 2015**
Acadia University, Wolfville, NS
Posterior Composites and Curing Lights: Tips and Tricks
Presenter: Dr. Mark Vallée
SPONSORED IN PART BY: IVOCLAR VIVADENT

**SATURDAY, OCTOBER 17, 2015**
Office Team Building
Presenter: Bryan Fader

**SATURDAY, OCTOBER 31, 2015**
Infection Control and Emerging Infectious Diseases
Presenter: Dr. John Molinari
SPONSORED IN PART BY: HU-FRIEDY AND SCIACAN

**NOVEMBER**

**SATURDAY, NOVEMBER 14, 2015**
Digital Dentistry and the Virtual Patient
Presenter: Dr. David Gratton
SPONSORED IN PART BY: 3M ESPE

**SATURDAY, NOVEMBER 28, 2015**
Pharmacology and Therapeutics Update
Presenter: Dr. Choong Foong

**DECEMBER**

**SATURDAY, DECEMBER 12, 2015**
Dental Implant Restorations: Current Techniques
Lecture and Hands-on Course
Presenter: Dr. Mark Vallée
SPONSORED IN PART BY: NOBEL BIOCARE

**FRIDAY, JANUARY 29, 2016**
Dentistry Student Table Clinics and Dental Hygiene Presentations

**SATURDAY, JANUARY 30, 2016**
Incorporating Contemporary Endodontics into your practice
Lecture and Hands-on Course
Presenter: Dr. Isabel Mello
SPONSORED IN PART BY: DENTSPLY

**FEBRUARY**

**SATURDAY, FEBRUARY 27, 2016**
TMD
Presenter: Dr. Stacie Saunders and Dr. Ben Davis

**MARCH**

**SATURDAY, MARCH 5, 2016**
Staying Ahead of the Ultrasonic Curve
Lecture and Hands-on Course
Presenter: Dani Botbyl
SPONSORED IN PART BY: DENTSPLY

**SATURDAY, MARCH 12, 2016**
Metal-Free Indirect Restorations: Clinical and Technical Tips for Ultimate Success
Lecture and Hands-on Course
Presenter: Dr. Richard Price
SPONSORED IN PART BY: IVOCLAR VIVADENT

**APRIL**

**SATURDAY, APRIL 2, 2016**
Fostering People Skills to Optimize Practice Management and Job Satisfaction
Presenter: Dr. Joan Evans

**SATURDAY, APRIL 16, 2016**
Clinical Pharmacology and Management of Medically Complex Patients
Presenter: Dr. Chris Lee

**SATURDAY, APRIL 23, 2016**
Dalhousie Agricultural Campus, Truro, NS
Test Your Diagnostic Skills: An Interactive Course on Oral Pathology
Presenter: Dr. Peter Chauvin

**THURSDAY, MAY 5 – SATURDAY, MAY 8, 2016**
Local Anesthesia for the Dental Hygienist
Lecture and Hands-on Course
Presenters: Dr. Ben Davis and Dr. Jean-Charles Doucet

**SATURDAY, MAY 14, 2016**
Peri-Implant Health and Complication Management: Diagnosis, Prevention and Treatment of Peri-Implant Disease in the Dental Office
Presenter: Dr. Munib Y. Derhalli
SPONSORED IN PART BY: ZIMMER BIOMET

**SATURDAY, MAY 28, 2016**
Managing Endodontics in the 21st Century
Presenter: Dr. Robert Roda

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
Exploring the Evidence of CAD/CAM Dentistry in 2016: How Technology is Influencing Restorative Dentistry

**DR. DENNIS FASBINDER, DDS, ABGD**

**PRESENTER BIO**

Dr. Fasbinder is currently the Director of the Computerized Dentistry Program and a Clinical Professor in the Department of Cariology, Restorative Sciences and Endodontics, University of Michigan, School of Dentistry. He is board certified in General Dentistry by the American Board of General Dentistry. He also maintains a part-time private practice in Ann Arbor, Michigan.

Dr. Fasbinder directs the Computerized Dentistry Unit at the University of Michigan School of Dentistry that is dedicated to research and education on CAD/CAM dental systems. The CompuDent Unit has been a leader in education and research with the chairside CAD/CAM systems and digital impression systems since 1993 resulting in numerous publications.

Dr. Fasbinder is a frequent speaker on ceramic-based dentistry and digital dental systems at meetings and conferences in North America and International locations.

**COURSE OUTLINE**

Digital technology for dental application is expanding at a rapid rate with the proliferation of new materials and treatment workflows. The presentation will focus attention on comparisons of current systems with the aim to understanding their capability and clinical application for efficient implementation in private practice. Two major categories will be discussed, Digital Impression systems and Chair-side CAD/CAM systems as well as material and treatment capabilities. Current scientific evidence on the clinical outcomes of these innovative workflows will be discussed with the intent to provide guidance for decisions on practice integration.
CONTINUING DENTAL EDUCATION
COURSE CALENDAR

SATURDAY, FEBRUARY 27, 2016

TMD

DR. STacie SAUdEnS, BSc, DDS; DR. BEN dAVIS, DDS, FRCD(C);
DR. MICHeLe WILSON, BSc, DDS; AND jENNIfER WAde, BSc, MScPT

PRESENTER BIOS

Dr. Saunders graduated from Dalhousie University – Dentistry in 1999. She completed a three-year Orofacial Pain Residency and teaching fellowship program at the University of Alberta from 1999 to 2001. Dr. Saunders is a Diplomat and Fellow of the American Board of Orofacial Pain and current member of the American Academy of Orofacial Pain. She practices in Bedford, Nova Scotia and is the current director of the TMD program at Dalhousie.

Dr. Davis 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.

Dr. Wilson graduated from Dalhousie University - Dentistry in 1987. In 2006 Dr. Wilson completed a two-year TMD/Orofacial Pain residency program and a Master Degree of Science, Medical Science in Dentistry from the University of Alberta in 2008. Dr. Wilson is a diplomat of the American Academy of Orofacial Pain and a fellow in the American Board of Orofacial Pain. She is the past director of the TMD program at Dalhousie. She maintains a private practice limited to TMDs and/or orofacial pain with Dr. Stacie Saunders in Bedford, Nova Scotia.

Ms Wade graduated in 2010 with Distinction from her Bachelor of Science degree in Kinesiology. She remained a student of Dalhousie, graduating in 2012 with a Master’s of Science in Physiotherapy. She has completed postgraduate courses in manual therapy, pain science, movement impairment syndromes, dry needling, and acupuncture. Jennifer has special interest in TMD, as well as experience with motor vehicle accident clientele, and return to work or sport.

COURSE OUTLINE

This course is presented to dental practitioners and their teams who want to learn more about the orofacial pain patient. The aim is to present the most current data on diagnosis and evidence based multidisciplinary management strategies. This course will provide you with information that will help you assess patients with pain and/or dysfunction, educate your staff and patients, and assist you to develop a treatment plan.

COURSE OBJECTIVES

• Help guide the dental practitioner in the diagnosis and management of Orofacial pain and TMD patients.
• To explain the multi factorial nature of these patients and the need for interdisciplinary management.
• To explain what to do when treatment fails.
• To identify, diagnose and provide treatment options for intraoral and extra oral neuropathic facial pains.

For course fee information, go to page 35
Staying Ahead of the Ultrasonic Curve (Lecture and Hands-on Course)

DANI BOTBYL, RDH, CLINICAL EDUCATOR

PRESENTER BIO
Ms. Botbyl is a dental hygienist with nearly seventeen years of experience devoted to clinical practice and education. Currently, a registered dental hygienist in Ontario, Ms. Botbyl is a Clinical Educator for DENTSPLY Canada. In addition, she holds a faculty position with Niagara College of Applied Arts and Technology in Welland, Ontario. Ms. Botbyl is a recognized national speaker and educates a wide variety of audiences including students and practicing professionals. She has become a leading authority in the area of ultrasonic technology implementation and lends much of her expertise to incorporating ultrasonics into the curriculums.

COURSE OUTLINE
Effective periodontal debridement and the reduction of oral inflammation is largely dependent on equipment choices and clinical technique and current research shows that Canadian Dental Hygienists are underutilizing and incorrectly implementing ultrasonics. With the use of a camera, the course facilitator with provide a "live" visual experience that will offer participants the opportunity to calibrate their ultrasonic knowledge and technique against the most current scientific information available. Come learn what you are not doing! Focus will be on ultrasonic instrument selection, sequencing and adaptation. Users of all types of ultrasonic technologies will find the information in this course clinically relevant.

COURSE OBJECTIVES
At the completion of this course the participant will be able to:

• Describe the benefits of ultrasonic technology as they apply to the removal of calculus and BIOFILM. State rational for when not to use curettes.

• Compare the differences and similarities between magnetostrictive and piezo ultrasonic technologies and how each related to clinical technique.

• Discuss rational for the optimal selection of ultrasonic inserts for calculus/biofilm removal supra and subgingival.

• Describe benefits and limitations of straight and curved ultrasonic instruments; gain confidence using left & right inserts/tips.

• Discuss to achieve better patient comfort while using ultrasonic technology.

A portion of this program is being generously sponsored by an unrestricted educational grant from Dentsply
Metal-Free Indirect Restorations: Clinical and Technical Tips for Ultimate Success (Lecture and Hands-on Course)

**DR. RICHARD PRICE, BDS, DDS, MS, FRCD(C), PhD**

**PRESENTER BIO**

Dr. Price received his DDS from Dalhousie’s Faculty of Dentistry. He completed his MS in Restorative Dentistry at the University of Michigan in 1984 and his PhD at the University of Malmö, Sweden in 2001. Dr. Price runs the Advanced Restorative Elective for the fourth-year dental students and also works in the Faculty of Dentistry practice at Dalhousie University. Dr. Price is the co-inventor of the MARC™ system for teaching effective light curing and is actively involved in research. He has made numerous CDE presentations and has also been author of more than 60 peer-reviewed articles.

**COURSE OUTLINE**

This presentation will review the concepts of standard of care for comprehensive indirect restorations, treatment options, and minimally invasive techniques that can be utilized in everyday practice. New generation metal-free restorative materials including Lithium Disilicate and Zirconia based ceramics will be reviewed comparatively concerning strength, esthetics, and clinical applications. Preparation and cementation techniques as well as product selection to maximize a successful clinical outcome will be reviewed. Predictable post-operative care will be discussed.

**COURSE OBJECTIVES**

- Fundamentals of standard of care for single and multi-unit indirect restorations.
- Variety of treatment options and minimally invasive techniques.
- Comparative review of metal-free restorative materials, focusing on strength, esthetics and clinical applications.
- Preparation and cementation techniques.
- Importance of lab-doctor communications.
- Optimum post-operative care strategies.

**Lecture - Open**

**Hands-on (limited attendance) – 20 participants**

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A portion of this program is being generously sponsored by an unrestricted educational grant from Ivoclar Vivadent
Fostering People Skills to Optimize Practice Management and Job Satisfaction

DR. JOAN EVANS, PhD, RN

PRESENTER BIO
Dr. Evans is a Professor and the Director of the Communications Skills Program in the Faculty of Medicine. A nurse by discipline, Joan has extensive teaching experience at the graduate and undergraduate levels in both the classroom and clinical settings. Her work in academia is informed by her rather unique career: she has been an outpost nurse in isolated First Nations communities; a medical officer with the Canadian Coast Guard; an Emergency Department nurse, and an oil rig medic on national and international oil exploration projects. Her experience in high risk, traditionally male-dominated environments provided the catalyst for her program of research in the area of gender, masculinities, occupation and health.

As Director of the Communication Skills Program, Joan is responsible for developing, implementing and evaluating a communication skills curriculum that spans the continuum of medical education. She works with a growing team of physician educators in Nova Scotia and New Brunswick and offers several workshops on topics that include patient-doctor and teacher-learner communication. She is a member of national communication skills interest groups and chairs one of these with the Association of Faculties of Medicine of Canada.

COURSE OUTLINE
This is an interactive workshop that includes a mix of didactic presentation, large and small group discussion, and communication skills practice.

COURSE OBJECTIVES
By the end of the course, participants will be able to:
• Identify characteristics of positive working environments and self-assess personal role in contributing to practice culture.
• Apply skills in giving constructive feedback to peers, higher management, and patients.
• Apply skills in receiving feedback from peers, higher management, and patients.
• Re-frame thinking to create a positive work environment and personal happiness.
• Identify communication skills that de-escalate and resolve conflict.

Early Bird Deadline Date
Friday, March 18, 2016
Registration Check-in
8:30 am
Course Times
9:00 am to 4:30 pm
CE Credits
6 hours of lecture

For course fee information, go to page 35
APRIL 11-16, 2016

4th 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 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 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 fourth 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.

LIMITED ATTENDANCE

25 participants

Register early to guarantee a space

Cost 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 35

A portion of this program is being generously sponsored by an unrestricted educational grant from KLS Martin Group
Clinical Pharmacology and Management of Medically Complex Patients

DR. CHRIS LEE, DDS, MSc, GPR

PRESENTER BIO
Dr. Lee completed a M.Sc. in Pharmacology at the University of Ottawa before attending dental school at Dalhousie University. Upon graduation he completed a General Practice Residency Program at the Vancouver General Hospital. He practiced in Ottawa for several years before returning to Nova Scotia to design and implement a GPR program at the Faculty of Dentistry as well as run the emergency dental clinic. He is a consultant to the National Dental Examining Board of Canada.

COURSE OUTLINE
Clinical Pharmacology - what's hot and what's not? The course will include an update on antibiotic prophylaxis, medications used in dentistry, including updates on analgesics, antibiotics, etc. We will spend some time discussing how a patient’s medical condition can impact on the treatment we provide and how we do so.

Do you have patients with medical conditions that make you scratch your head and wonder how to deal with them? We will focus on patients with systemic conditions, which need particular management and consideration including pregnancy, cardiac conditions, cancers (including patients undergoing or having a history of chemotherapy and radiation therapy), addiction and mental health issues.

We will review and discuss medical emergencies in the dental office and how to manage the most common ones including designing an emergency crash cart for the general dental practice.

COURSE OBJECTIVES
Upon successful completion of this program participants will have an:

• Update of drugs employed in both acute and chronic pain management in dentistry including drug interaction associated with local anesthetics, narcotic and non-narcotic analgesics.
• Update of antibiotics commonly employed in the management of oral facial infections.
• Overview of pharmacotherapy in the elderly patients.

Early Bird Deadline Date
Friday, April 1, 2016

Registration Check-in
8:30 am

Course Times
9:00 am to 4:30 pm

CE Credits
6 hours of lecture

For course fee information, go to page 35
Test Your Diagnostic Skills: An Interactive Course on Oral Pathology

DR. PETER CHAUVIN, BSc, DDS, MSc, FRCD(C), ORAL MED
Dalhousie Agricultural Campus, Truro, NS

PRESENTER BIO
Dr. Chauvin obtained his dental degree from McGill University in 1988. Following a Multidisciplinary Residency Program at the Royal Victoria Hospital he completed his Graduate Training at the University of Western Ontario in Oral Pathology. He is a Fellow of The American Academy of Oral and Maxillofacial Pathology and a Fellow of the Royal College of Dentists in Oral Medicine and Oral Pathology. He is currently an Associate Professor and Director of the Division of Oral Diagnostic Sciences in the Faculty of McGill University. He maintains a clinical practice with a focus on mucosal disorders. He has received numerous teaching awards including the W.W. Wood Award and Howard Katz Award for excellence in teaching.

COURSE OUTLINE
This course will be presented with the use of Turning Point®. Each participant will be given a clicker and will actively participate in choosing the best diagnosis on numerous clinical cases.

What you need to know to stay current will be covered including premalignant conditions, infections, immune mediated disorders, HPV and Oral Cancer. Each topic will be introduced by a clinical case. The participant will have the opportunity to choose the best diagnosis or treatment options for various challenging cases. Instant audience feedback will proceed a short review of each topic. Diagnostic criteria and the current management of common mouth diseases will be reviewed. The presentation will be divided into five sections:

• Oral Ulcers
• Pigmented Lesions
• Tongue Lesions
• White Plaques and Patches (Leukoplakia)
• Common Bumps

COURSE OBJECTIVES
Upon successful completion of this course the participant will be able to:

• Identify the signs and symptoms of various oral diseases.
• Diagnose common and not so common mouth diseases.
• Decide on the best management for various conditions and diseases affecting the oral cavity.

Early Bird Deadline Date
Friday, April 8, 2016

Registration Check-in
8:30 am

Course Times
9:00 am to 4:30 pm

CE Credits
6 hours of lecture

For course fee information, go to page 35
THURSDAY, MAY 5 TO SUNDAY, MAY 8, 2016

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

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

PRESENTER BIOS

Dr. Davis 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 Head of the Division of Oral and Maxillofacial Surgery at Dalhousie. Dr. Davis is actively involved in teaching and is an examiner for the Royal College of Dentists of Canada. He is on active staff at the QE II Health Sciences Centre and consulting staff at the IWK Health Centre. Dr. Davis’ interests include pain management, TMJ surgery, trauma, and facial reconstruction.

Dr. Doucet completed his DMD degree at the University of Montreal in 2004, followed by a general practice residency at the Notre-Dame Hospital, Montreal in 2005. He obtained both his MSc in Oral and Maxillofacial Surgery and his MD from Dalhousie University in 2011. He then completed a Cleft and Craniofacial Fellowship at the University of Montpellier-1, France in 2012. 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.

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 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
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.
• 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.

LIMITED ATTENDANCE
34 participants
SATURDAY, MAY 14, 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

Dr. 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 authored 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.
Managing Endodontics in the 21\textsuperscript{st} Century

DR. ROBERT RODA, DDS, MS

PRESENTER BIO

Dr. Roda received his DDS in 1981 from Dalhousie University and practiced as a general dentist in Dartmouth, NS for 10 years. He returned to school and completed his Certificate of Specialty in Endodontics and a Masters of Science at Baylor College of Dentistry in 1993. He is a Diplomate of the American Board of Endodontics, Associate Editor of the Journal of Endodontics, and the Immediate Past- President of the American Association of Endodontists.

COURSE OUTLINE

The astute practitioner must evaluate clinical situations to determine the best course of action that will give the patient the best possible outcome. This presentation will focus on endodontic decision making using the latest in technology and scientific understanding to allow the participant to make decisions that most accurately point to an optimum endodontic prognosis.

COURSE OBJECTIVES

By the end of this presentation, the attendee should:

• Understand how CBCT has affected our understanding of our treatment outcomes.
• Develop an understanding of when teeth should be retained and when they should be lost.
• Understand the etiology of persistent endodontic disease and apply this knowledge to produce rational treatment planning.
• Understand the factors that affect Endodontists, GP’s and Patients that influence professional relationships and apply this knowledge to produce appropriate referrals.

Early Bird Deadline Date
Friday, May 13, 2016

Registration Check-in
8:30 am

Course Times
9:00 am to 4:30 pm

CE Credits
6 hours of lecture

For course fee information, go to page 35
Lecture Attendance Program

This 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 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 2015-2016

**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 bicompatibility 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 CREDITS

<table>
<thead>
<tr>
<th>Term</th>
<th>Credit hours available</th>
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<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>
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Note: 1 CE credit per 1 hour of lecture attended

PROGRAM PROTOCOL

1. Limited attendance: 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, dental hygienists and dental assistants). 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 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 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.
2015-2016 CE Course Fees

<table>
<thead>
<tr>
<th>CE Courses</th>
<th>Early Bird Fee</th>
<th>Registration Fee</th>
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<tbody>
<tr>
<td>(Refer to the list below for exceptions)</td>
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<tr>
<td>Lecture – full day</td>
<td>DDS $350</td>
<td>ADHP $150</td>
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<tr>
<td>Lecture – half day</td>
<td>DDS $175</td>
<td>ADHP $100</td>
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<tr>
<td>Lecture and hands-on</td>
<td>DDS $575</td>
<td>ADHP $350</td>
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A continental breakfast and lunch will be provided for all courses unless otherwise stated on the course page.

FEE EXCEPTIONS

<table>
<thead>
<tr>
<th>Mindfulness for Health Care &amp; Other Professionals</th>
<th>Early Bird Fee</th>
<th>Registration Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture – 8 evening classes</td>
<td>DDS $675</td>
<td>ADHP $500</td>
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<table>
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<tr>
<th>4th Annual Bike and Learn: A Joint Medicine and Dental CE Program</th>
<th>Registration Fee</th>
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<tr>
<td>Lectures – 4 evening sessions and 5 days of cycling</td>
<td>DDS $3950</td>
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<tr>
<th>Local Anesthesia for the Dental Hygienist</th>
<th>Registration Fee</th>
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<tbody>
<tr>
<td>Lecture and hands-on – 4 days</td>
<td>DDS $1250</td>
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<tr>
<th>Lecture Attendance Program</th>
<th>Registration Fee</th>
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<tbody>
<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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COURSE CANCELLATION POLICY

Dalhousie University’s Faculty of Dentistry reserves the right to cancel any course if there is not sufficient registration or there are circumstances beyond our control. In the event of a cancellation, please submit your request for a refund by fax or email.

REGISTRATION WITHDRAWAL POLICY

If you are withdrawing your registration from a course, notify us by fax or email before the early bird deadline date. All course withdrawals are subject to a $50 processing fee, with the exception of the local anesthesia course, which is subject to a $100 processing fee. No refunds will be issued when participants withdraw their registration after the early bird date.

PHOTOGRAPHY

Occasionally a photographer may be present at courses and take photographs of instructors and attendees for marketing and advertising purposes. Participants who do not wish to be photographed should inform a Continuing Dental Education staff member.
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

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**REGISTRATION FORM**

- **COURSE DATE**
- **TUITION FEE**
- **COURSE TITLE**
- **DAYTIME TELEPHONE NUMBER**
- **FAX NO.**
- **EMAIL ADDRESS**
- **PAYMENT INFORMATION**
  - **CARD #**
  - **EXPIRY DATE**
  - **SIGNATURE**

Full course payment required at time of registration. The tuition fee is deductible for Canadian Income Tax purposes. Please see page 35 for individual course cancellation policies.