September 2011 - August 2012

CONTINUING DENTAL EDUCATION

Dalhousie University, Faculty of Dentistry
Our Mission

The Mission of the Faculty of Dentistry is to promote health in a caring and compassionate way through oral and maxillofacial health-based education, research and service.

Values

- The Faculty will sustain a national and international learning community where we seek knowledge and skills (research), learn and teach (education). We shall apply our knowledge and skills in an ethical, caring and compassionate manner to promote and maintain oral and maxillofacial health in Atlantic Canada and to treat appropriately evolving oral health needs.

- As role models, we, the faculty, must possess the high degree of ethics, idealism, intellectual integrity and enthusiasm for the scientific and professional activities required to pursue the Mission of the Faculty.

- Students in the Faculty will be ethical, compassionate, caring, knowledgeable and skilled practitioners through successful completion of the curriculum in which they have registered. Graduates will maintain these attributes as valued alumni.

- The Faculty will be integral to promoting excellence at Dalhousie University through service on its various bodies and committees.

- The Faculty will promote excellence through active partnerships within the University and with external institutions.
### September
- **Saturday, Sept. 17** – Smart Bonding: extraordinary solutions for ordinary problems. A Lecture and Hands-On Course  
  *Dr. Howard E. Strassler and Dr. Richard Price*

- **Wednesday, Sept. 28** – Mindfulness for Health-Care Professionals: An 8-week Immersion in Self Care (beginning Wed. Sept. 28 – Wed. Nov. 16)  
  *Dr. John Lovas*

### October
- **Friday, Oct. 14** – Dr. John Laba Memorial Dinner and Lecture. 6:30pm - 9pm  
  *LeCaveau, Domaine de Grand Pre, Wolfville NS*  
  *For further information please contact the office of Dr. Ian Ross (902) 538-8041*

- **Saturday, Oct. 15** – Treating the Dental Patient with Medical Issues: A Team Approach  
  *Dr. Barbara Steinberg*

- **Friday, Oct. 28** – Aesthetics and Implant Dentistry: Innovations & Controversies  
  *Dr. Dennis Tarnow*

### November
- **Saturday, Nov. 5** – A Clinically Oriented Update In Oral And Maxillofacial Pathology  
  *Dr. Chad Robertson and Dr. Curtis Gregoire*

- **Saturday, Nov. 26** – Pharmacology & Therapeutics Update  
  *Dr. W. Choong Foong*

### January
- **Thursday, Friday and Saturday, January 26-28** – Hands-On Surgical Implants  
  *Dr. Archie Morrison, Dr. Benjamin Davis, Dr. Curtis Gregoire, and Dr. Chad Robertson*

- **Saturday, Jan. 28** – Update in Dental Radiography. A Lecture and Hands-On Course  
  *Cara Tax and Chris Robb*

### February
- **Friday, Feb. 10** – Student Table Clinics 2012
- **Saturday, Feb. 11** – Deconstructing Controversies in Dental Materials Sciences: An Evidence Based Approach to Materials and Implant Selection  
  *Dr. Daniel Boyd, Dr. Mark Filiaggi and Dr. Elliott Sutow*

### March
- **Saturday, Mar. 31** – Key Elements of Oral and Maxillofacial Radiology Practice  
  *Dr. Ernest W. N. Lam*

### April
- **Thursday, Apr. 26** – Saturday, Apr. 28 – Local Anesthesia for the Dental Hygienist  
  *A Lecture and Hands-On Course*  
  *Dr. Benjamin Davis, Dr. Chad Robertson, Dr. Curtis Gregoire*

### May
- **May 23 – 26** – Centennial CDE

For more information on these and other events, please visit www.dentistry.dal.ca or call (902) 494-1674, for Continuing Dental Education offerings at Dalhousie.
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<td>Rockport, ME</td>
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<td>October 3, 2011</td>
<td>Dentistry Alumni Reception</td>
<td>Salt Lake City, UT</td>
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<td>October, 2011</td>
<td>Dentistry Alumni Reception</td>
<td>Calgary, AB (date TBA)</td>
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<td>October 20, 2011</td>
<td>1951/1956/1961 Reunion Luncheon</td>
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<td>October 20, 2011</td>
<td>Dalhousie Annual Dinner</td>
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<td>October 21, 2011</td>
<td>Faculty of Dentistry Pumpkin Carving Contest</td>
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<td>October 25, 2011</td>
<td>Dalhousie Alumni Reception</td>
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<td>December 1, 2011</td>
<td>Dalhousie Alumni Reception</td>
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<td>May 23-23, 2012</td>
<td>Faculty of Dentistry Centennial</td>
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For more information on these and other events, please visit www.dentistry.dal.ca or email dentalum@dal.ca
Course Objectives

- Describe and understand the clinical indications for the different bonding systems.
- Describe and demonstrate the techniques that will contribute to successful light curing.
- Describe different techniques for posterior composites for creating an anatomic proximal contact and to minimize and eliminate post-op sensitivity.
- Describe the treatment of traumatically fractured anterior teeth and restorations.
- Describe techniques for restoring the worn anterior dentition.

Course Outline

Everyday restorative dentistry can present us with challenges for ordinary clinical problems. This course will present an overview of techniques to solve problems with posterior composites, restoration of traumatized teeth and restorations, what cement do you use where and uses of fiber reinforcement for splinting and immediate bridges. Evidence supports the need for better training when light curing both anterior and posterior restorations. This course provides insight and training for optimal light curing. The hands-on portion of this program will teach optimal techniques for light curing anterior and posterior restorations using the state-of-the-art clinically relevant MARC™ system. Simplified decision making and conservative techniques for restoring the early signs of attrition will be presented.

About the Presenters

Dr. Howard Strassler is Professor in the Division of Operative Dentistry at the University of Maryland Dental School. He has lectured nationally and internationally and for the past twelve years has been recognized by Dentistry Today as one of the top 100 speakers for CE. He is a Fellow in the Academy of Dental Materials and the Academy of General Dentistry, a Member of the Academy of Operative Dentistry and International Association of Dental Research. Dr. Strassler has published over 475 articles and has coauthored seven chapters in texts. Dr. Strassler has a general practice in Baltimore, Maryland for restorative dentistry and esthetics.

Dr. Richard Price BDS, DDS, MS, FRCD(C), PhD 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 a multi-specialty private practice in Halifax. 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.

Acknowledgement

This course is sponsored by Clinical Research Dental.

Check-in: 8:30 am
Course Times: 9:00 am – 12 noon
1:00 pm – 4:30 pm
Location: Faculty of Dentistry
Room 3156
Credits: 3 hours of lecture, 3 hours hands-on
Continental breakfast provided for all participants

Early Bird Registration Date: September 2, 2011
Fees:

- Prior to Sept. 2
- After Sept. 2
Lecture Only
DDS: $145
$195
ADHP: $75
$100
Lecture and Hands On
DDS: $485
$535
Lunch provided for full day participants

Phone 902-494-1674  Fax 902-494-5101
Mindfulness For Health-Care Professionals: An 8-Week Immersion In Self-Care

Presented By: Dr. John Lovas

Wednesday Evenings for 8 weeks: September 28 – November 16, 2011

Course Outline

Dentistry and life in general can be very stressful. Yet to really enjoy life, and best serve our patients, coworkers, families and society, we ourselves need to be well. Effective self-care is not only common sense but also a professional responsibility. Mindfulness – a universal, but underdeveloped way of relating kindly to ourselves and the world – is becoming an increasingly important component of self-care.

This course is designed for health-care professionals who spend an unhealthy portion of their lives caring for everyone else. The course provides a unique opportunity to learn about and participate in 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 in discussions – as we feel comfortable – about integrating mindfulness into our professional and private lives.

Intended audience: All health care providers, including dentists, physicians, dental hygienists, nurses, dental assistants, dental receptionists and business managers – the entire health care team. You and your whole office are invited to engage in a profoundly positive transformative learning experience.

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

About the Presenter

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 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 is 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.

Check-in: 5:30 pm
Course Times: 6:00 pm – 8:00 pm
Location: Faculty of Dentistry
        Room 5150
Credits: 16 hours of lecture

Early Bird Registration Date: September 12, 2011

Fees: Prior To Sept. 12  After Sept. 12
      DDS/MD: $600  $650
      ADHP: $450  $475

Light supper provided
This promises to be a high-energy informative lecture for all members of the dental team. To quote one of Dr. Steinberg’s recent attendees “She is the Dr. Oz, Dr. Phil, Rachel Ray and Oprah all rolled into one.”

Course Outline

Two out of three individuals who will seek dental care in the next year have something in their medical history that could complicate dental treatment. Because of this, pertinent medical assessment of patients has become an essential part of dentistry. The role of the dental team in evaluating and treating patients with common systemic disorders such as osteoporosis, hepatitis, eating disorders etc. will be discussed. An update on bisphosphonate-related osteonecrosis of the jawbones will be provided. Dental and medical considerations in treating the pregnant and lactating patient will be presented.

About the Presenter

Dr. Barbara J. Steinberg, DDS, graduated from the University of Maryland School of Dentistry and completed a residency at the Medical College of Pennsylvania. She is Clinical Professor of Surgery at Drexel University College of Medicine, as well as Adjunct Associate Professor of Oral Medicine at the University of Pennsylvania School of Dental Medicine. She is a Diplomate of the American Board of Oral Medicine.

Dr. Steinberg specializes in the treatment of medically compromised patients. She is a nationally and internationally invited lecturer in the area of dental treatment of the medically compromised patient and women’s health, and has authored numerous articles and contributed to major textbooks on these subjects.

For the last eight years Dr. Steinberg has been named by Dentistry Today as “One of the Top Clinicians in Continuing Education”. Dr. Steinberg is a former spokesperson for the American Dental Association on Women’s Oral Health Issues and has had numerous television appearances, including Good Morning America. She represented the American Dental Association at a congressional briefing on Women’s Oral Health Issues and presently serves on the Health, Nutrition and Fitness Board of Women’s Day Magazine.

Acknowledgement

This course is presented by the Annapolis Valley Dental Association and Dalhousie University and is sponsored by Henry Schein Canada.

Early Bird Registration Date: September 30, 2011

Fees:
- DDS: $255
- ADHP: $125
- Prior To Sept. 30
- After Sept. 30
- $305
- $150

Continental breakfast and lunch provided

Check-in: 8:30 am
Course Times: 9:00 am – 4:30 pm
Location: KC Irving Centre, Acadia University
Wolfeville NS
Credits: 6 hours of lecture
Course Outline
Implant dentistry continues to evolve into a more predictable form of treatment. New and innovative techniques allow for better aesthetics and greater patient comfort. At the same time, these new techniques raise questions regarding their efficacy.

Course Objectives
This program will answer some of the frequently asked questions as related to early loading, predictability, membrane placement, membrane type, grafting, primary closure, immediate placement, immediate temporization, to mention a few. The program will address and interweave the innovations in implant dentistry and how they can enhance your clinical and aesthetic outcomes for greater patient satisfaction.

About the Presenter
Dr. Dennis Tarnow received his dental degree and completed postdoctoral programs in periodontics and prosthodontics at New York University. He is a Diplomat of the American Board of Periodontology. Dr. Tarnow has published numerous articles on perio-prosthodontics and implant dentistry. He is a Professor and the Director of Implant Education at Columbia University College of Dental Medicine. Dr. Tarnow maintains a private practice in New York City, New York.

Acknowledgement
This course is sponsored by BIOMET 3i

Early Bird Registration Date: October 14, 2011

Check-in: 8:00 am
Course Times: 8:30 am – 4:30 pm
Location: Atlantica Hotel Halifax
1980 Robie Street
Credits: 6.5 hours of lecture

Fees:

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<td>ADHP</td>
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Continental breakfast and lunch provided
Course Objectives

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

• obtain an appropriate history from an oral and maxillofacial pathology patient;
• perform an appropriate clinical examination of the oral and maxillofacial pathology patient;
• obtain and interpret the appropriate investigations for the oral and maxillofacial pathology patient;
• treat, or where appropriate refer for treatment, patients with pathologic conditions of the oral and maxillofacial region.

This will allow participants to provide a more comprehensive level of oral health care to patients in their practice.

About the Presenters

Dr. Chad Robertson, DDS, MD, MSc, FRCD(C) obtained both his MSc in Oral and Maxillofacial Surgery and his MD from Dalhousie University. He then completed an Oral Oncology Fellowship at the University of California, San Francisco. He is currently an Assistant Professor in the division of OMFS at Dalhousie where he is the Director of the Graduate Training Program in Oral and Maxillofacial Surgery. He is on active staff at the QE II Health Sciences Centre and consulting staff at the IWK Health Centre. He is an examiner with the Royal College of Dentists of Canada. He is the Pathology section head for the Oral and Maxillofacial Surgery National Dental Specialty Examination. Although Dr. Robertson practices a broad scope of oral and maxillofacial surgery, his primary area of clinical interest is maxillofacial pathology including the comprehensive management of oral cancer.

Dr. Curtis Gregoire, DDS, MD, MSc, FRCD(C) recently joined the Department of Oral and Maxillofacial Sciences as a part-time faculty member within the Division of Radiology. He completed a 1-year fellowship in head and neck cancer surgery in Portland, OR before returning to the Faculty where he is teaching in radiology, pathology and oral and maxillofacial surgery. He has been assisting with the initial planning and implementation of digital radiology within the school.
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

• update on the recent changes in the 2007 AHA antibiotic prophylaxis guidelines

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

About the Presenter

Dr. W. Choong Foong received his BSc (Hon) 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 (College of Pharmacy) and Dental Materials (Faculty of Dentistry). 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 (Dalhousie University). He is a consultant to the National Dental Examining Board of Canada.

Presently, Dr. Foong is an Associate Professor in the Department of Biomedical and Diagnostic Sciences, School of Dentistry, at the University of Detroit Mercy. From 2008 to 2010 Dr. Foong served as Interim Assistant Dean for Academic Administration. 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

The aim of this program is to review and update oral health care providers on pharmacotherapeutics in dentistry. Cases will be utilized to provide an overview and a scientific-based selection of pharmacological agents for the management of acute pain, chronic pain and oral-facial infections. Dental patients are taking multiple prescribed and OTC medications, herbal and supplements. This course will highlight selected drugs and natural products that have potential adverse effects and drug interactions important to dental patient management.

Check-in: 8:30 am
Course Times: 9:00 am – 4:30 pm
Location: Faculty of Dentistry Room 3156
Credits: 6 hours of lecture

Early Bird Registration Date: November 10, 2011

Fees:
Prior To Nov. 10 After Nov. 10
DDS: $255 $305
ADHP: $125 $150

Continental breakfast and lunch provided

www.dentistry.dal.ca/cde
Hands on Surgical Implants  
(Lecture and hands-on)

Presented By: Drs. Archie Morrison, Benjamin Davis, Curtis Gregoire, and Chad Robertson

Thursday, Friday and Saturday, January 26 – 28, 2012

Course Outline

This 2 ½ days hands-on course will feature lectures in the classroom discussing the principles of implantology including all aspects of clinical care from diagnosis and treatment planning to the steps involved in surgical placement of implants. We will review site preparation including bone grafting as well as management of the severely atrophic jaws. On Saturday we will pair dentists together to assist each other with implant placement on their patients from private practice. Each case will be presented and discussed post operatively in a group setting.

Pre-Course Preparation

With respect to patient selection we would like to review your desired case by way of a panoramic and study models sent along to Dianne Crouse at the CDE office at Dalhousie. This case should be a posterior tooth (first bicuspid and back) with ample quantity of bone both vertically and horizontally. These models should be sent as early as possible and no later than November 15, 2011. This will allow time for patient replacement should the first one prove not satisfactory.

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 Head of the Division of Oral and Maxillofacial Surgery at Dalhousie. Dr. Davis is actively involved in teaching at the undergraduate, graduate, and post-graduate levels 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 included pain management, TMJ surgery, trauma, and facial reconstruction. Dr. Davis has presented numerous Continuing Education lectures locally and nationally.

Dr. Curtis Gregoire, DDS, MD, MSc, FRCD(C) recently joined the Department of Oral and Maxillofacial Sciences as a part-time faculty member within the Division of Radiology. He completed a 1-year fellowship in head and neck cancer surgery in Portland, OR before returning to the Faculty where he is teaching in radiology, pathology and oral and maxillofacial surgery. He has been assisting with the initial planning and implementation of digital radiology within the school.

Dr. Archie Morrison, DDS, MSc, FRCD(C) obtained his MSc in Oral and Maxillofacial Surgery from Dalhousie University and then completed a fellowship in Scotland and Holland, concentrating on trauma, cancer and pre-prosthetic surgery. Dr. Morrison’s research and clinical interest areas are broad and include management of temporomandibular disorders, sleep apnea, bisphosphonate related osteonecrosis of the jaw and reconstruction of the atrophic jaws with bone grafting and implants.

Dr. Chad Robertson, DDS, MD, MSc, FRCD(C) obtained both his MSc in Oral and Maxillofacial Surgery and his MD from Dalhousie University. He then completed an Oral Oncology Fellowship at the University of California, San Francisco. He is currently an Assistant Professor in the division of OMFS at Dalhousie where he is the Director of the Graduate Training Program in Oral and Maxillofacial Surgery.
Course Objectives

The participants will:

• relate clinical attachment levels to periodontal interpretation of radiographs
• understand the 2004 ADA guidelines for prescribing radiographs
• have a basic knowledge of direct and indirect digital radiography
• be able to recognize and correct errors they make when taking intra and extra oral images
• become familiar with using digital radiographic technology

Course Outline

This course is designed primarily for dental hygienists, however, dental assistants and dentists may find it of value. The course will provide the participant with both didactic and clinical “hands on” experience using digital radiography. The didactic lectures will cover the following topics:

• A review of normal radiographic anatomy
• Periodontal interpretation of radiographs
• Guidelines for requiring dental radiographs
• Overview of digital imaging
• A review of parallel technique
• Troubleshooting intra/extra-oral techniques

The “hands on” sessions will include:

• Practice using parallel technique
• Intra-oral and extra-oral digital radiography demonstrations
• Practice using PSP and CCD receptors
• Introduction to scanning techniques and digital software

About the Presenters

Cara Tax, DipDH, BA, MEd is a graduate of the University of Manitoba and has been teaching in the School of Dental Hygiene at Dalhousie University since 1992. She was appointed Assistant Professor in 2007 and promoted to full-time in 2008. She is course director for numerous courses in the diploma and baccalaureate dental hygiene programs. She is presently course director for the dental hygiene radiology course and a member of the ad hoc digital radiology committee in the Faculty of Dentistry.

Chris Robb, DipDH, BA, M.Ed, is a graduate of Universite de Moncton and Dalhousie. Following a career in Public Health in NB, she joined the faculty at Dalhousie and has taught various aspects of the program since 1988. She is a course director of a number of courses and is currently involved in teaching various didactic and clinical courses in the three years of the DipDH/BDH program. Assisting in the clinical aspect of the Radiology course is one of Chris new loves. She was appointed an Assistant Professor in 2000 and is currently teaching full time.

Check-in: 8:30 am
Course Times: 9:00 am – 12 noon
1:00 pm – 4:30 pm
Location: Faculty of Dentistry Room 1216
Credits: 3 hours of lecture, 3 hours hands-on
Continental breakfast provided for all participants

Limited Registration: 24 participants

www.dentistry.dal.ca/cde
Student Table Clinics 2012:
A Night of CE for Clinicians While Supporting Our Students’ Education

Friday, February 10, 2012

Synopsis

A table clinic is a table top demonstration and brief oral presentation in an area of clinical application and techniques or basic science and research. The demonstration 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. The table clinic exercise is a student-centered learning activity, with the support of a faculty advisor. At our Faculty, both dental and dental hygiene students are required to present table clinics. Students begin by selecting a topic in areas that are being developed through research, or are new, or are controversial. Each topic must be of Continuing Education interest to clinicians. Students must thoroughly research their topic through literature searches 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 the 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.

Presentations will be made from 5:00-8:00 pm and the awarding of prizes will be from 9:00-9:30 pm. There is a Social Hour between 8:00 and 9:00 pm.

Start: 5:00 pm
Presentation Times: 5:00 pm – 8:00 pm
Location: Faculty of Dentistry Main Floor Clinic
Credits: 2 hours of lecture

You must be in attendance for 2 consecutive hours to receive CE credits!

Fees: Free of Charge
Deconstructing Controversies in Dental Materials Science: An Evidence Based Approach to Materials and Implant Selection

Presented By: Drs. Daniel Boyd, Mark Filiaggi and Elliott Sutow
Saturday, February 11, 2012

Course Outline
This program will cover a number of issues relating to current controversies in dental materials science. Emphasis will be placed on examining the potential health concerns of BPA. The critical differences between BPAs presence in consumer goods and products, and its possible presence in dental resins will be clarified. The proposal and evidence for lowering the no-observed-adverse-effect-level for BPA and its implications will also be considered. In addition, this program will deconstruct the nature of implant surface modifications and will elucidate efficacy of the variety of surfaces available with respect to clinical performance; thus aiding improved selection for the GP. Participants will also receive primers on fundamental areas of dental materials science in respect of restorative resins and glass ionomer cements; this course will then examine which material is best placed to meet the demands of future pit and fissure sealant programs. The program will also host a ‘hot topic’ session pertaining to emerging material technologies and devices which will be of interest to the GP.

Course Objectives
Recipients will receive guidance on optimum materials and implant selection based on clinical evidence, and will be appraised of potential health concerns related to materials.

About the Presenters
Dr. Daniel Boyd, Ph.D., is a member of the Faculty of Dentistry at Dalhousie University. His research interests focus on biomaterials where he has been principal investigator or co-investigator on over $5 million worth of research grants, including the development and patenting of a new range of glass polyalkenoate cements and bone grafts. Daniel has 8 patent filings, 27 full journal articles (peer reviewed literature), and 20 conference proceedings.

Dr. Mark Filiaggi is an Associate Professor and Chair of the Department of Applied Oral Sciences within the Faculty of Dentistry at Dalhousie University, with a cross-appointment in the School of Biomedical Engineering. He also serves as the Assistant Dean – Research for the Faculty. His research focuses primarily on bone-interfacing biomaterials and implants, with an emphasis on novel calcium phosphate processing approaches that facilitate localized delivery of therapeutic agents.

Dr. Elliott J. Sutow, Ph.D., M.ED., is a member of the Faculty of Dentistry, Dalhousie University. He has taught Dental Biomaterials Science for 36 years and has contributed various book chapters and published numerous research articles in the areas of dental amalgam, dental polymers and corrosion of restorative metals and implants. He currently holds a post-retirement appointment in the Department of Applied Oral Sciences.

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

Early Bird Registration Date: January 27, 2012

Fees:
Prior To Jan. 27
DDS: $255
ADHP: $125

After Jan. 27
$305
$150

Continental breakfast and lunch provided

www.dentistry.dal.ca/cde
Course Outline
Non-vital teeth can be successfully treated and restored, but often endodontic and prosthetic principles can seem to be at odds. Newer treatment options are numerous and selection of the best treatment for our patients can sometimes be confusing. Join us to understand the best endodontic and restorative solutions to help ensure you maximize the success for nonvital teeth. This course begins early in the morning, ending early afternoon so you can enjoy skiing at the fabulous Marble Mountain Resort.

Course Objectives
Upon completion of the course, participants should be able to:

- understand which factors affect failure of restored endodontically treated teeth
- understand tooth and material factors that affect selection of restorative options
- select the best restorative options for endodontically treated teeth
- select the best retreatment of a failed, restored endodontically treated tooth
- understand the predictability of outcomes concept when making treatment recommendations

About the Presenters
Dr. Bob Loney, BSc, DMD, MS, received his DMD from the University of Saskatchewan in 1983 and his MS in Prosthodontics from The University of Michigan in 1987. He is currently the Head of the Division of Removable Prosthodontics, and the former Director of Graduate Prosthodontics at Dalhousie University. His research has focused on dental implants, stress analysis and surface metrology of dental materials and prostheses. Dr. Loney was a recipient of the W. W. Wood Award for Excellence in Dental Education in 1992 and 2001 and the 3M-ESPE National Dentistry Teaching Award in 2003. He has lectured internationally. He loves the outdoors, particularly bicycling, canoeing and skiing. He maintains a part-time practice limited to Prosthodontics in Halifax, NS.

Dr. Wayne Maillet, BSc, DDS, Dip Endo, obtained his BSc degree at Mount Allison University and DDS degree at Dalhousie University. He practiced as a general dentist in the Canadian Forces Dental Service and in private practice in Fall River, Nova Scotia, before obtaining his Certificate of Endodontics at the University of Toronto in 1996. Wayne maintains a private practice limited to endodontics in Halifax and Truro. He is on part-time faculty at Dalhousie University Faculty of Dentistry where he has been a clinical instructor and lecturer in the divisions of restorative dentistry, general dentistry and endodontics at various times over the past 20 years. He is also a former Head of the Division of Endodontics and Past-President of the Canadian Academy of Endodontics.

Acknowledgement
This course is presented by the Newfoundland Labrador Dental Association and Dalhousie University.
Key Elements of Oral and Maxillofacial Radiology Practice

Presented By: Dr. Ernest Lam
Saturday, March 31, 2012

Course Outline

Clinical oral and maxillofacial radiology includes a broad range of topics with which the practicing dentist must be familiar. This program will focus on some of these key topic elements; radiation delivery and protection, radiologic interpretation and new technologies. These elements together play key roles in the day-to-day delivery of radiologic services to patients in the dental office, and understanding the role of each in the diagnostic process ensures that oral and maxillofacial radiology is practiced in a safe and responsible way.

Course Objectives

The following topic areas will be discussed:

- responsible Radiation Use in the Dental Office
- radiographic Feature Identification and Radiologic Interpretation
- commonly Abnormalities in Oral and Maxillofacial Images
- current Trends and Controversies in 2D and 3D Imaging

About the Presenter

Dr. Ernest Lam, DMD, MSc, PhD, FRCD(C) is an Associate Professor, Head of the Discipline of Oral and Maxillofacial Radiology and Program Director of the Oral and Maxillofacial Radiology Graduate Program at the University of Toronto. Dr. Lam completed BSc (Hons), DMD and MSc degrees at the University of British Columbia, and spent 2 years in private dental practice in Vancouver before returning to graduate school at the University of Iowa where he completed specialty training in Oral and Maxillofacial Radiology and a PhD in Radiation Biology. Dr. Lam is a Diplomate of the American Board of Oral and Maxillofacial Radiology and a Fellow of the Royal College of Dentists of Canada in Oral and Maxillofacial Radiology.

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

Early Bird Registration Date: March 16, 2012

Fees:
- Prior To March 16
  - DDS: $255
  - ADHP: $125
- After March 16
  - DDS: $305
  - ADHP: $150

Continental breakfast and lunch provided
Local Anesthesia for the Dental Hygienist
(Lecture and Hands-On)

Presented By: Drs. Benjamin Davis, Chad Robertson, Curtis Gregoire
Thursday, Friday and Saturday, April 26 – 28, 2012

Course Outline
This three-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.

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 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 included pain management, TMJ surgery, trauma, and facial reconstruction.

Dr. Curtis Gregoire, DDS, MD, MSc, FRCD(C) recently joined the Department of Oral and Maxillofacial Sciences as a part-time faculty member within the Division of Radiology. He completed a 1-year fellowship in head and neck cancer surgery in Portland, OR before returning to the Faculty where he is teaching in radiology, pathology and oral and maxillofacial surgery. He has been assisting with the initial planning and implementation of digital radiology within the school.

Dr. Chad Robertson, DDS, MD, MSc, FRCD(C) obtained both his MSc in Oral and Maxillofacial Surgery and his MD from Dalhousie University. He then completed an Oral Oncology Fellowship at the University of California, San Francisco. He is currently an Assistant Professor in the division of OMFS at Dalhousie where he is the Director of the Graduate Training Program in Oral and Maxillofacial Surgery.

Check-in: Thurs., April 26, 12 noon
Course Times: Thurs., April 26, 1:00 pm - 9:00 pm
Fri., April 27, 8:00 am – 4:00 pm
Sat., April 28, 8:30 am – 6:00 pm
Location: Faculty of Dentistry
Room 3156
Credits: 10 hours of lecture, 10 hours hands-on

Register early
Limited Registration: 36 Dental Hygienists

Fees: $1100 (due at time of enrollment includes a $100 non-refundable deposit).

Following enrollment, a detailed schedule and participant checklist will be sent to you.

Continental breakfast, lunch or light supper provided
Celebrate Our Past

100

Dalhousie Dentistry

Embrace The Future

May 23-26, 2012

Join us for our Centennial!

• 100th Convocation Ceremony
• Gala Dinner
• Continuing Education Courses
• Class Reunions
• Golf Tournament
• and much, much more!

For more information, please visit:

www.daldentistry100.ca
Dalhousie Dentistry is celebrating its Centennial in 2012. Join us for our special 100th Convocation Ceremony, Gala Dinner, Continuing Education Courses, Class Reunions, Golf Tournament, and much, much more! Alumni, past & present, faculty and staff, students and friends are invited to help us Celebrate Our Past and Embrace The Future! Visit www.daldentistry100.ca or e-mail centennial.dentistry@dal.ca for details.

Centennial Celebration
Continuing Dental Education Courses:

May 23 – 26, 2012

Thursday, May 24: 9:00 am – 12:00 noon

- Manage this Emergency! An Audience Participation Workshop. (Archie, Tricia, Theresa and Paula Morrison and Chris Lee)
- Non-microbial Gingivitis. Oral Effects of Body Modifications. (Sara Gordon)
- Scary and Safe: A Look at Oral Lesions. (Chris Robb)
- Sensible or Snake Oil? How to Get The Real Truth About New Dental Products. (Debora Matthews)
- Going Green in the Dental Office. (Stephen Roth)

Thursday, May 24: 1:00 pm – 4:00 pm

- Recent Challenges and Future Directions in Endodontics. Retreatment and Surgery vs. Implants. Pulpal Regeneration and Revascularization. (Wayne and Michelle Maillet)
- Motivating Patients Towards Positive Health Behaviour Changes. (Peggy Maillet and Heather Doucette)
- The Future of Dentistry: It’s Not What You Think! (Ferne Kraglund)
- Cleft Lip and Palate: A Life Changing Experience. (David Precious)
- Mentoring, Innovation, Risk Taking: How Dalhousie Has Changed Dental Education in North American. (Jack Gerrow)
- Dalhousie Research and Its Impact on Dental Practice. (Mark Filiaggi)

Friday, May 25: 1:00 pm – 4:00 pm

- Engaging with Life – An introduction to Mindfulness (Nancy Neish and John Lovas)
- My Year at the FDI; Can We Eliminate Caries? (Burton Conrod)
- CPR Course

Saturday, May 26: 9:00 am – 12:00 noon

- Case-based Pharmacotherapeutics (Choong Foong)
- Restoration of the Compromised Alveolar Ridge (Vern and Matt Shaffner)
- Lights & Lava: How to Choose a Curing Light. The Lava Experience at Dalhousie (Richard Price)

Check-in: For further details check the Centennial web site: www.daldentistry100.ca

Course Times: See Schedule Above

Location: Faculty of Dentistry, Rooms TBA

Credits: 1-3 hours of lecture (depending on length of each lecture)

Fees: Course fees included in Centennial Registration fee

Phone 902-494-1674 Fax 902-494-5101
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
   Halifax, NS B3H 4R2

4. **Register by E-mail**
   To register via the internet, please e-mail your registration information to: dentcde@dal.ca

5. **Register On Line**
   COMING SOON — on line registration through our web site
   www.dentistry.dal.ca/cde

**Cancellation Policy:**

Dalhousie University’s Faculty of Dentistry reserves the right to cancel any course due to insufficient registration or circumstances beyond our control. Refunds for cancellations received 6-10 business days prior to the course date 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.

**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 continuing education course by Dalhousie University does not necessarily imply endorsement of a particular philosophy, procedure, or products by this institution.

**Continuing Dental Education**

Faculty of Dentistry,
Dalhousie University
Halifax, NS B3H 4R2

Phone: 902-494-1674
Fax: 902-494-5101
E-Mail: dentcde@dal.ca
www.dentistry.dal.ca

www.dentistry.dal.ca/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

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Title __________________________________________________________

Payment Information

Cheque # _____________________________ Cheque Amount $ __________________
Cheques to be made Payable to Dalhousie University
Cheque is enclosed □ VISA □ Mastercard □ AMEX □
Card # ______________________________ Exp. Date: ___________
Signature: ____________________________________________

Phone 902-494-1674 Fax 902-494-5101
Please make/use additional copies for each person registering

Name: ________________________________________________
Address: ___________________________________________
City: _____________________________________________ Prov: ___________________________
Postal Code: ___________________________ Phone (W): (______) ___________
E-mail: ____________________________________________ Phone (H): (______) ___________

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Payment Information

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Cheques to be made Payable to Dalhousie University
Cheque is enclosed □ VISA □ Mastercard □ AMEX □
Card # __________________________ Exp. Date: ________
Signature: __________________________

www.dentistry.dal.ca/cde
Parking

Dalhousie Faculty of Dentistry does not provide parking. The Dental Faculty is not responsible for any lost or stolen personal articles or parking tickets. Plan to arrive early to allow time for parking.

2-hour public parking meters may be available on University Avenue and College Street; 5 hour meters are available on Robie Street. Payment at public parking meters is in effect from 8:00 am - 6:00pm Monday to Friday, excluding holidays. In addition, the IWK Health Centre has an above-ground Parkade available at hourly rates.