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<th>NOVEMBER</th>
<th>DECEMBER</th>
<th>JANUARY</th>
<th>FEBRUARY</th>
<th>MARCH</th>
<th>APRIL</th>
<th>MAY</th>
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Marvin Leventer, DDS, received his dental degree from the University of Maryland School of Dentistry in 1990. He then completed a two-year general practice residency and a two-year dental anesthesiology residency at Brookdale Hospital Medical Center in New York. Dr. Leventer is a diplomate of the American Dental Board of Anesthesiology and a fellow of the American Dental Society of Anesthesiology. He is also a member of the American Society of Dentist Anesthesiologists and the Academy of General Dentistry. Dr. Leventer is an assistant professor in dental anesthesia at the University of Maryland School of Dentistry, and provides general dentistry within the faculty practice.

### Nitrous Oxide Review
*(Registration limited to 20)*

<table>
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<tr>
<th>TIME</th>
<th>8:00 a.m. – 4:30 p.m.</th>
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<tbody>
<tr>
<td>LOCATION</td>
<td>University of Maryland School of Dentistry</td>
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</tbody>
</table>
| TUITION     | Early bird pricing, on or before September 3, 2011  
Dentist: $350.00  
Team Member: $250.00  
General pricing, on or after September 4, 2011  
Dentist: $380.00  
Team Member: $280.00 |
| CREDITS    | 7.5 CDE credit hours / Lecture - Hands on |
| AUDIENCE   | Entire Dental Team |

### COURSE DESCRIPTION

This course will follow the American Dental Association guidelines for teaching nitrous oxide. It will include background, history, patient evaluation and the entire spectrum of sedation/anesthesia. Dr. Leventer will cover respiration and related physiology, drug interactions, contraindications, monitoring and record keeping. Adverse reactions will also be discussed. Attendees will participate in hands-on demonstrations and a review of the necessary equipment.

### OBJECTIVES:

Upon the conclusion of this presentation, each participant should be able to:

- Describe the components and use of nitrous oxide equipment
- Utilize nitrous oxide in the clinical setting effectively and safely
- List the advantages, disadvantages, risks, and objectives of nitrous oxide sedation
INSTRUCTORS

Thomas J. Balshi, DDS, PhD, FACP
Dr. Thomas J. Balshi is a diplomate of The American Board of Prosthodontics and founder of Prosthodontics Intermedica in Fort Washington, Pa. He is also the director of the Institute for Facial Esthetics. Dr. Balshi earned his graduate and post-graduate degrees from Temple University School of Dentistry, and he received an honorary doctorate from Cabrini College. He received his surgical and prosthetic implant training from Professor Per Ingvar Brånemark, Institute For Applied Biotechnology, at the University of Toronto, Canada with additional training in Götenborg, Sweden. Dr. Balshi was a founder and president of the Pennsylvania Prosthodontic Association. He lectures globally and has published numerous scientific articles and videos on the subject of Brånemark implants and immediate function.

Stephen F. Balshi, MBE
Stephen F. Balshi, MBE, received his undergraduate degree in biomedical engineering from the Catholic University of America, Washington, D.C. He earned a master’s degree from the School of Biomedical Engineering, Science and Health Systems at Drexel University, with a published thesis on the stability of Brånemark implants and immediate function. He is the president of CM Prosthetics Inc., a dental laboratory that focuses on the rehabilitation of the fully edentulous. He is also the director of research for PI Dental Center at the Institute for Facial Esthetics. He has lectured at national and international meetings on immediate function, computer guided surgery, and the CM Prosthetics line of fully edentulous restorations.

Implant Prosthodontics: Evolution of Protocols

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<thead>
<tr>
<th>TIME</th>
<th>8:00 a.m. – 4:00 p.m.</th>
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<tbody>
<tr>
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<tr>
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<tr>
<td></td>
<td>Dentist: $285.00</td>
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<tr>
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<td>Hygienist/Auxiliary: $170.00</td>
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<tr>
<td></td>
<td>Dentist: $295.00</td>
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<td></td>
<td>Hygienist/Auxiliary: $200.00</td>
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<tr>
<td>CREDITS</td>
<td>6 CDE credit hours / Lecture</td>
</tr>
<tr>
<td>AUDIENCE</td>
<td>Entire Dental Team</td>
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COURSE DESCRIPTION

This lecture will look back at the history of implant protocols and how they have evolved into the ones used today. Dr. Thomas Balshi and Mr. Stephen Balshi will explain the different ways to engineer implant-supported prostheses. They will discuss the No BoneZ Solution, which uses a combination of CAD/CAM surgical templates and traditional free-hand procedures to treat the atrophic maxilla. Participants will learn about CAD/CAM technologies that aid implant placement and prosthesis construction.

OBJECTIVES:

Upon the conclusion of this presentation, each participant should be able to:

- Lay out the evolution of implant protocols
- Demonstrate the concept of tilting implants and remote implant anchorage
- Explain the differences between “teeth in a day” and the guided surgical procedures
- Illustrate the predictable treatment of the atrophic maxilla, known as the No BoneZ Solution

ACKNOWLEDGEMENT:

This course is supported in part by an unrestricted educational grant from Nobel Biocare.
Local Anesthesia for the Maryland Dental Hygienist

**INSTRUCTOR**

Marion C. Manski, RDH, MS

Marion C. Manski, RDH, MS, earned her certificate and associate degree in 1983 from The Forsyth School for Dental Hygienists and Northeastern University in Boston, Mass. She earned her bachelor's degree in dental hygiene at the University of Maryland School of Dentistry in 1988. Ms. Manski also graduated from the University of Maryland Graduate School with a master's degree in 2004. In 2006, Ms. Manski became certified in the administration of Local Anesthesia (CT). She is an assistant professor and serves as the director of admissions and recruitment for the Dental Hygiene Program.

**Course Description**

Through a combination of lecture and hands-on lab work, participants will gain skills in the implementation of local anesthesia. This course will provide the licensed Maryland dental hygienist with didactic and clinical laboratory components necessary to perform local anesthesia in the State of Maryland.

**Objectives:**

Upon the conclusion of this presentation, each participant should be able to:

- Discuss and describe the anatomy and neurophysiology of pain and pain control
- Determine the pharmacology of anesthetic agents and vasoconstrictors
- Recognize medical history status and administration of local anesthesia
- Demonstrate local anesthetic techniques
- Discuss the use of topical anesthetics and demonstrate proper administration
- List the steps that should be taken in an emergency
- Utilize proper infection control
- Recognize proper prevention, recognition and management of complications
- Successfully administer local anesthesia
- Be prepared for the Local Anesthesia NERB prometric exam

**Schedule:**

<table>
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<tr>
<th>Time</th>
<th>Location</th>
<th>Tuition</th>
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<tr>
<td>8:00 a.m. – 5:00 p.m.</td>
<td>University of Maryland School of Dentistry</td>
<td>Early bird pricing, on or before September 13, 2011 Dental Hygienist: $1,200.00&lt;br&gt;General pricing, on or after September 14, 2011 Dental Hygienist: $1,300.00</td>
</tr>
</tbody>
</table>

**Credits:**

- 20 CDE credit hours / Lecture
- 8 CDE credit hours / Clinical - Hands on

**Audience:**

Dental Hygienists

**Required Texts:**

- Malamed, Stanley; “Handbook of Local Anesthesia,” 5th edition
- Fehrenbach, Margaret; Herring, Susan; “Illustrated Anatomy of the Head and Neck,” 3rd edition

Please check our website, www.dental.umaryland.edu/ce for additional courses.
Linda Otis, DDS
Dr. Otis graduated from the University of Nebraska Dental School and completed her residency in oral and maxillofacial radiology at the University of Texas Health Science Center at San Antonio. She is currently a professor at the University of Maryland School of Dentistry, where she has an active research program and maintains a private practice in oral and maxillofacial radiology.

**INSTRUCTOR**

**Course Description**

This course will focus on the management of ionizing radiation in dental practice. Dr. Otis will review the principles of radiation, including measurement units of exposure and dose, as well as laws that regulate the use of radiation in dental practice. The course will provide an overview of the necessary facility design for the use of ionizing radiation. Attendees will participate in a discussion of best practices for optimal image quality with minimal dose.

**Objectives:**

Upon the conclusion of this presentation, each participant should be able to:

- Select the most effective imaging study for specific clinical problems
- Identify methods of dose reduction in dental imaging
- Identify practice management strategies that will integrate regulatory requirements into everyday practice

**Radiographs: The Image of Your Practice**

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<th>TIME</th>
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<tr>
<td>TUITION</td>
<td>Early bird pricing, on or before September 23, 2011 Dentist: $195.00 Hygienist/Auxiliary: $100.00 General pricing, on or after September 24, 2011 Dentist: $225.00 Hygienist/Auxiliary: $130.00</td>
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<tr>
<td>CREDITS</td>
<td>4 CDE credit hours / Lecture</td>
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<tr>
<td>AUDIENCE</td>
<td>Entire Dental Team</td>
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**Audience**

Entire Dental Team
INSTRUCTOR

Dan Cullum, DDS
Dr. Cullum earned his DDS with distinction at the University of Alberta, Canada, and completed his residency training at Westchester Medical Center in New York. Dr. Cullum is a diplomate of the American Board of Oral and Maxillofacial Surgery and speaks internationally. He has contributed textbook chapters on implant reconstruction and served in leadership roles at both state and local societies. At Implants Northwest in Coeur d’Alene, Idaho, Dr. Cullum practices Oral and Maxillofacial Surgery with emphasis on immediate and minimally-invasive techniques in esthetic implant reconstruction. Dr. Cullum is president of Implants Northwest LIVE Learning Center, which emphasizes training in advanced techniques for surgeons and restorative teams using LIVE surgery and hands-on application.

Immediate Implant and Provisional Restoration

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<tr>
<td>LOCATION</td>
<td>University of Maryland School of Dentistry</td>
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</table>
| TUITION     | Early bird pricing, on or before September 17, 2011
Dentist: $265.00
Hygienist/Auxiliary: $170.00
General pricing, on or after September 18, 2011
Dentist: $295.00
Hygienist/Auxiliary: $200.00 |
| CREDITS     | 6 CDE credit hours / Lecture |
| AUDIENCE    | Entire Dental Team |

COURSE DESCRIPTION

This course will emphasize the importance of a team approach to patient analysis and treatment planning for restorative dentists and surgeons. Dr. Cullum will explain how the team approach can lead to improved esthetics, less discomfort, faster healing and eager acceptance. He will also lead a discussion on cutting-edge prosthodontic techniques, including minimally-invasive bone grafting, flapless surgery and connective tissue grafts. Participants will learn a rational approach to the introduction of ridge expansion. Dr. Cullum will demonstrate how these techniques can revolutionize the care patients receive using a team approach to implant treatment.

OBJECTIVES:

Upon the conclusion of this presentation, each participant should be able to:

- Describe site evaluation and implant design requirements for esthetic and predictable immediate surgical placement
- Discuss minimally-invasive harvest and grafting techniques
- Describe provisional abutment requirements for predictable esthetic results
- Reduce treatment time and expenses for patients with ridge expansion techniques
- Identify defects of recipient sites that are appropriate for implant reconstruction
- Discuss prevention and management of complications

ACKNOWLEDGEMENT:

This course is supported in part by an unrestricted educational grant from Nobel Biocare.
INSTRUCTOR

Jacqueline Dailey, RDH, MS
Ms. Dailey is an assistant professor in the Department of Oncology and Diagnostic Sciences at the University of Maryland School of Dentistry. She is the supervising clinical faculty member in the Radiology Clinic. Ms. Dailey completed her master's degree in dental hygiene from the University of Maryland School of Dentistry. She received teaching certificates in Maxillofacial Radiology from the University of North Carolina School of Dentistry, Indiana University Dental School and San Antonio, Texas, Dental School. In addition to teaching full-time, Ms. Dailey maintains a dental hygiene practice.

Enhancement Dental Radiographic Techniques for Dental Assistants
(Registration limited to 20)

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<th>TIME</th>
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<tr>
<td>LOCATION</td>
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| TUITION    | Early bird pricing, on or before October 15, 2011
            | Dental Assistant: $150.00
            | General pricing, on or after October 16, 2011
            | Dental Assistant: $170.00 |
| CREDITS    | 6 CDE credit hours / Lecture - Hands on |
| AUDIENCE   | Certified Dental Assistants |
| COURSE PREREQS | Registrants must be 18 or older with at least six months experience in dental practice and X-ray qualified to expose images on the practice manikins. |

COURSE DESCRIPTION

The program is designed for the X-ray qualified dental assistant who wants to develop skills exposing quality intraoral digital radiographic images. Participants will also simulate intraoral and panoramic (non-exposure) placement on a partner.

OBJECTIVES:

Upon the conclusion of this presentation, each participant should be able to:

- Expose high-quality intraoral and panoramic images
- Use appropriate techniques to maximize infection control and radiation safety practices
- Know when to use supplemental radiographic techniques for challenging situations
- Understand the theory and application of new emerging radiographic technologies, such as Cone Beam CT and handheld portable X-ray equipment

Please check our website, www.dental.umaryland.edu/ce for additional courses.
**Temporomandibular Disorders: Seeing Your Patients with Fresh Eyes**

**TIME**
8:00 a.m. – 4:30 p.m.

**LOCATION**
University of Maryland School of Dentistry

**TUITION**
- Early bird pricing, on or before October 22, 2011
  - Dentist: $265.00
  - Hygienist/Auxiliary: $170.00
- General pricing, on or after October 23, 2011
  - Dentist: $295.00
  - Hygienist/Auxiliary: $200.00

**CREDITS**
7 CDE credit hours / Lecture

**AUDIENCE**
Entire Dental Team

**COURSE DESCRIPTION**
Dr. Stohler will examine the role that mood and genes play in determining which treatment benefits patients experience. The lecture will include a discussion of how a patient’s belief that a treatment provider is approachable and compassionate can make a significant difference in the outcome of treatment. Dr. Stohler will explain how a more medically-based approach to the management of temporomandibular disorders can benefit patients.

**OBJECTIVES**
Upon the conclusion of this presentation, each participant should be able to:

- Understand that the effect of treatments depends on mood
- Recognize that treatments may show little difference from a credible placebo in clinical trials
- Understand that genes influence the severity of painful disease
- Conceptualize temporomandibular disorders in the context of genetic susceptibility, risk-conferring behaviors and environmental influences
- Classify temporomandibular disorders with respect to the level of care required
- Understand care providers’ roles and obligations in the management of patients with temporomandibular disease

**INSTRUCTOR**
Christian S. Stohler, DMD, DrMedDent
Dr. Stohler is professor and dean, University of Maryland School of Dentistry and adjunct professor at the University of Michigan School of Dentistry. His research interests focus on the pathogenesis of persistent orofacial pain conditions and the degree to which such processes influence patients’ perceptions of disease and treatment response.
INSTRUCTOR

Kevin G. Murphy, DDS, MS

Dr. Murphy received his dental degree from the University of Illinois, where he also received specialty certificates in both prosthodontics and periodontics, as well as a master’s degree in oral histology. He is in private practice in Baltimore, Md., concentrating in prosthodontics, periodontics and implant dentistry. Dr. Murphy has lectured nationally and internationally on corticotomy facilitated orthodontia, periodontal regeneration, the placement and restoration of dental implants and periodontal prosthesis. Dr. Murphy is a diplomate and member of the American Academy of Periodontology, American Academy of Esthetic Dentistry, American Academy of Restorative Dentistry and the American College of Prosthodontics.

COURSE DESCRIPTION

Fabrication of Provisional Restorations and CAD/CAM Design

Dr. Murphy will present an algorithm for the timing, shape and form of a successful provisional implant restoration. This presentation will describe the clinical and laboratory steps required for efficient and effective fabrication of temporary restorations. A hands-on portion will provide attendees with experience creating the optimal esthetic provisional abutment and crown. Participants will learn to generate their own custom abutments and crowns using the Nobel Procera software.

The Use of SonicWeld® Ultrasonically Fabricated Barriers for Enhanced Outcomes

This course will outline the basic science, clinical techniques and outcomes of the SonicWeld technique. Participants will have the opportunity to create, form and fix SonicWeld barriers.

OBJECTIVES:

Upon the conclusion of this presentation, each participant should be able to:

- Describe the timing, shape and form of successful implant restorations
- Understand the clinical techniques required to create SonicWeld barriers
- Understand the basic mechanisms of the Nobel Procera software for creating custom abutments and crowns

ACKNOWLEDGEMENT:

We gratefully acknowledge the educational support of this course by Nobel Biocare and KLS Martin Company.
INSTRUCTOR

Richard L. Wynn, PhD
Richard L. Wynn, PhD, is professor of pharmacology at the University of Maryland School of Dentistry. Dr. Wynn has served as a dental researcher and teacher of dental pharmacology and dental hygiene pharmacology for his entire professional career. He holds a bachelor’s degree in pharmacy and a doctorate in pharmacology from the University of Maryland. Dr. Wynn chaired the Department of Pharmacology at the University of Maryland School of Dentistry from 1980 to 1995. Previously, he chaired the Department of Oral Biology at the University of Kentucky College of Dentistry. Dr. Wynn has authored over 300 publications and has given over 500 continuing education seminars, nationally and internationally.

Drugs in Dentistry, Including Herbals and Natural Products

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<th>TIME</th>
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<tbody>
<tr>
<td>LOCATION</td>
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| TUITION | Early bird pricing, on or before November 12, 2011
Dentist: $265.00
Hygienist/Auxiliary: $170.00
General pricing, on or after November 13, 2011
Dentist: $295.00
Hygienist/Auxiliary: $200.00 |
| CREDITS | 6 CDE credit hours / Lecture |
| AUDIENCE | Entire Dental Team |

COURSE DESCRIPTION

This course will present the most recent reports on conventional drugs, herbal supplements and nutraceuticals that impact dental practice. Dr. Wynn will discuss Aspirin and Plavix, as well as newly-approved medical and dental drugs, including recent medications that cause necrotic jaw bone. He will answer questions on antibiotic prophylaxis for joint replacement and share the latest information on heart attacks.

OBJECTIVES:

Upon the conclusion of this presentation, each participant should be able to:

- List the newly approved medical and dental drugs and their proven effectiveness
- List the key considerations in treating a patient on antiplatelet therapy
- Describe the concept of free radicals and antioxidants and review their uses in medical and dental conditions
- Describe the most recent theory on the relationship between CRP, periodontal disease and heart attacks
- Outline the medical and dental conditions in which nutraceuticals have been effective
- List the safety concerns of herbal use in patients and the effects on surgery and recovery
What’s New in Infection Control

COURSE DESCRIPTION

Dr. DePaola will present an update on the newest Centers for Disease Control guidelines that impact infection control and the delivery of healthcare. He will discuss the principles of respiratory etiquette to lessen the spread of influenza, as well as steps to reduce the impact of potential pandemic influenza, such as bird and swine flu. Emphasis will be placed on compliance issues pertaining to the 2007 and 2008 CDC Guidelines. This course fulfills the CDE requirements for infection control and requirements for annual OSHA training.

OBJECTIVES:

Upon the conclusion of this presentation, each participant should be able to:

- Understand the routes of infectious disease transmission and how to break the chain of infection
- Know the updated recommendations for standard precautions
- Develop a practical and cost-effective infection control methodology
- Know how to achieve dental unit waterline quality that will meet CDC/ADA recommendations

The Scope of Abuse: The Maryland Regulations for the Dental Team

COURSE DESCRIPTION

The program provides guidelines for evaluating possible signs and symptoms of domestic abuse and neglect in children and adults. It reviews “red flags” that alert dental health care providers to a potentially abusive situation. Maryland laws and regulations, including the format for reporting suspected cases, will be reviewed. The presentation will include screening questions for identification of potential victims and a resource page which provides the names and phone numbers of local and state authorities. The program satisfies the requirement for a two-hour board-approved program on Abuse and Neglect in Maryland for dentists and hygienists.

OBJECTIVES:

Upon the conclusion of this presentation, each participant should be able to:

- Comprehend the best method of obtaining a history
- Understand the importance of examination and evidence collection
- Integrate the local and state Abuse Resource Directory and reporting form into office procedures
- Notify the authorities, within the designated time frame, when encountering suspected cases of abuse and/or neglect
INSTRUCTOR
Mitchell A. Lomke, DDS
Dr. Lomke has been in private practice as a general dentist in Montgomery County, Md., for over 30 years. A 1979 graduate of the University of Maryland School of Dentistry, he completed a one-year general practice residency as a second lieutenant in the U.S. Public Health Service. He is a member of the Dean’s Faculty at the University of Maryland School of Dentistry. In addition to his general dentistry practice with a special interest in dental laser procedures, Dr. Lomke is an ALD Recognized Course Provider as well as a clinical trainer in Diode, Erbium and CO2 wavelengths. Dr. Lomke is currently a member of the ALD Board of Directors and chairman of the membership committee. He has lectured on laser dentistry to national and international audiences.

The Art and Science of Laser Dentistry

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<tr>
<th>TIME</th>
<th>8:00 a.m. – 4:30 p.m.</th>
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<tr>
<td>TUITION</td>
<td>Early bird pricing, on or before January 7, 2012 Dentist: $425.00 General pricing, on or after January 8, 2012 Dentist: $455.00</td>
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<td>CREDITS</td>
<td>7 CDE credit hours / Lecture</td>
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<tr>
<td>AUDIENCE</td>
<td>Dentists</td>
</tr>
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COURSE DESCRIPTION
This is a comprehensive course that details the multiple clinical applications of dental lasers. Topics will include: history of lasers, laser-tissue interactions, laser safety and a review clinical cases. Hands-on instruction using multiple laser wavelengths will be emphasized.

OBJECTIVES:
Upon the conclusion of this presentation, each participant should be able to:

- Understand how dental lasers function
- Understand the actual settings and parameters to be used when treating patients
- Understand safe and effective clinical techniques when using Diode lasers, micropulsed CO2 lasers and Erbium lasers

Please check our website, www.dental.umaryland.edu/ce for additional courses.
INSTRUCTORS

Gary D. Hack, DDS
Dr. Gary D. Hack received his DDS from the University of Maryland School of Dentistry in 1979, and has served as a faculty member for the past 25 years. He completed a general practice residency in Seattle, Wash., with the U.S. Public Health Service in 1980. Dr. Hack is associate professor in the Department of Endodontics, Prosthodontics, and Operative Dentistry, and director of clinical simulation research. He has been instrumental in integrating digital dentistry and CAD/CAM into the curriculum.

Eric Levine, DDS
Dr. Levine is a 1991 graduate of the University of Maryland School of Dentistry. After graduation, he practiced in both Washington, D.C. and suburban Maryland. He volunteered as a Dean's Faculty member before becoming a full-time professor in the Department of Endodontics, Prosthodontics, and Operative Dentistry. Dr. Levine is the course director for the year I preclinical course in operative dentistry. He has an intramural practice with a focus on restorative dentistry, and his research interests include the study of dental materials and the incorporation of technology into practice and teaching.

Ira Bloom, DDS
Dr. Bloom received his DDS from the University of Maryland School of Dentistry, graduating magna cum laude in 1972. After a one-year general practice residency at the Barnes-Jewish Hospital in St. Louis, Dr. Bloom returned to Baltimore. He was in private practice for 35 years, focusing on aesthetic, Cerec, and restorative dentistry. Dr. Bloom attended the prestigious LVI, Las Vegas Institute for Advanced Dental Studies, for aesthetic and occlusion training. He practiced Cerec dentistry for the last 10 years and is now the assistant director of the Advanced Education in General Dentistry Program at the University of Maryland School of Dentistry.

Digital Dentistry: The Future is Now
(Registration limited to 20)

COURSE DESCRIPTION

The program is designed to introduce participants to the current and emerging technologies for digital intra-oral impressions and CAD/CAM dentistry. This course will provide an understanding of the latest advances in dental CAD/CAM technology and related restorative options. Participants will gain an overview of the science, clinical indications, materials and techniques. They will also gather hands-on experience acquiring a digital impression, designing a digital restoration and milling a final restoration.

OBJECTIVES:

Upon the conclusion of this presentation, each participant should be able to:

- Discuss the origins of CAD/CAM technology and its applications to dentistry
- Review the available materials for CAD/CAM restorations and the clinical implications
- Understand the incorporation of CAD/CAM dentistry for fabrication of milled restorations

TIME | 9:00 a.m. – 4:30 p.m.
LOCATION | University of Maryland School of Dentistry
TUITION | Early bird pricing, on or before January 14, 2012
| Dentist: $325.00
| Hygienist/Auxiliary: $200.00
| General pricing, on or after January 15, 2012
| Dentist: $355.00
| Hygienist/Auxiliary: $230.00
CREDITS | 6 CDE credit hours / Lecture - Hands on
AUDIENCE | Entire Dental Team

Digital Dentistry: the Future is Now

• Discuss the origins of CAD/CAM technology and its applications to dentistry
• Review the available materials for CAD/CAM restorations and the clinical implications
• Understand the incorporation of CAD/CAM dentistry for fabrication of milled restorations
INSTRUCTOR

Marion C. Manski, RDH, MS
Marion C. Manski, RDH, MS, earned her certificate and associate degree in 1983 from The Forsyth School for Dental Hygienists and Northeastern University in Boston, Mass. She earned her bachelor’s degree in dental hygiene at the University of Maryland School of Dentistry in 1988. Ms. Manski also graduated from the University of Maryland Graduate School with a master’s degree in 2004. In 2006, Ms. Manski became certified in the administration of Local Anesthesia (CT). She is an assistant professor and serves as the director of admissions and recruitment for the Dental Hygiene Program.

Local Anesthesia for the Maryland Dental Hygienist

<table>
<thead>
<tr>
<th>TIME</th>
<th>8:00 a.m. – 5:00 p.m.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOCATION</td>
<td>Perryville, Md.</td>
</tr>
<tr>
<td></td>
<td>University of Maryland School of Dentistry</td>
</tr>
<tr>
<td>TUITION</td>
<td>Early bird pricing, on or before January 20, 2012 Dental Hygienist: $1,200.00</td>
</tr>
<tr>
<td></td>
<td>General pricing, on or after January 21, 2012 Dental Hygienist: $1,300.00</td>
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<tr>
<td>CREDITS</td>
<td>20 CDE credit hours / Lecture</td>
</tr>
<tr>
<td></td>
<td>8 CDE credit hours / Clinical - Hands on</td>
</tr>
<tr>
<td>AUDIENCE</td>
<td>Dental Hygienists</td>
</tr>
<tr>
<td>REQUIRED TEXTS</td>
<td>Malamed, Stanley; “Handbook of Local Anesthesia,” 5th edition</td>
</tr>
<tr>
<td></td>
<td>Fehrenbach, Margaret; Herring, Susan; “Illustrated Anatomy of the Head and Neck,” 3rd edition</td>
</tr>
</tbody>
</table>

COURSE DESCRIPTION

Through a combination of lecture and hands-on lab work, participants will gain skills in the implementation of local anesthesia. This course will provide the licensed Maryland dental hygienist with didactic and clinical laboratory components necessary to perform local anesthesia in the State of Maryland.

OBJECTIVES:

Upon the conclusion of this presentation, each participant should be able to:

- Discuss and describe the anatomy and neurophysiology of pain and pain control
- Determine the pharmacology of anesthetic agents and vasoconstrictors
- Recognize medical history status in administration of local anesthesia
- Demonstrate local anesthetic techniques
- Discuss the use of topical anesthetics and demonstrate proper administration
- List the steps that should be taken in an emergency procedure
- Utilize proper infection control
- Recognize proper prevention, recognition and management of complications
- Successfully administer local anesthesia
- Be prepared for the Local Anesthesia NERB prometric exam
INSTRUCTOR

Martin Jablow, DMD

Martin Jablow, DMD, is a clinician, speaker and author. He presents nationally and internationally on many topics, including state-of-the-art dental technology and dental materials. Dr. Jablow is currently an attending dentist at the JFK Medical Center in Edison N.J., where he works with patients and trains residents. He is president of Dental Technology Solutions, a lecture and consulting company. He is an active member of the American Dental Association, New Jersey Dental Association, Middlesex County Dental Association and has achieved fellowships in the Academy of General Dentistry and International Academy of Dental Facial Esthetics. Dr. Jablow serves on the Dentalcompare CE Advisory Board and the Eco-Dentistry Association Advisory Board.

What’s New in High-Tech Dentistry

COURSE DESCRIPTION

This course will teach participants how to succeed in integrating the latest high-tech dental products and software into their practices. Dr. Jablow will discuss state-of-the-art diagnostics, the latest methods for taking digital impressions, predictable anesthesia delivery, and minimally-invasive dentistry. Participants will also develop an understanding of how to use the Internet and social media in their practices.

OBJECTIVES:

Upon the conclusion of this presentation, each participant should be able to:

- Understand the importance of digital radiography and 3D imaging
- Know whether social media is right for their office
- Implement the latest products and techniques in minimally-invasive dentistry

The Chartless Practice - Because Paper Is Not Free

COURSE DESCRIPTION

Participants will learn strategies for converting to a chartless office. Dr. Jablow will explain why chartless and paperless are not the same thing. Attendees will see the benefits of digital records and understand why they will be important in the future. Dr. Jablow will also explain easy ways to make film digital.

OBJECTIVES:

Upon the conclusion of this presentation, each participant should be able to:

- Understand how to reduce paper
- Determine why outsourcing practice communications saves money
- Learn the scan and shred method for digitizing charts
- Learn how to have complete, 24/7 access to all charts
- Establish proper backup procedures to ensure integrity of charts
INSTRUCTORS

Howard E. Strassler, DMD, FADM, FAGD
Dr. Howard Strassler is professor in the Department of Endodontics, Prosthodontics and Operative Dentistry at the University of Maryland School of Dentistry. He has lectured nationally and internationally on techniques and selection of dental materials in clinical use and esthetic restorative dentistry. For the past 12 years, Dr. Strassler has been recognized by “Dentistry Today” as one of the top 100 speakers for CE programs in the United States. He is a fellow in the Academy of Dental Materials and a member of the Academy of Operative Dentistry and International Association of Dental Research. He is section editor for Restorative Dentistry Continuing Education for “Dentistry Today” and serves on the editorial review boards for the “Journal of Esthetic Restorative Dentistry,” “Inside Dentistry,” “Dentistry Today,” and “Compendium of Continuing Dental Education.” Dr. Strassler has a general practice in Baltimore that is limited to restorative dentistry and esthetics.

Michael Mann, DMD
Dr. Michael Mann is a graduate of Temple University School of Dentistry. He served in the United States Army at the Army Institute of Dental Research (USAIDR) at Walter Reed Hospital from 1972 to 1974. Dr. Mann has been in private practice since 1974. He focuses on all phases of general and cosmetic dentistry. He lectures nationally for DenMat Lab on minimally prepped veneers. Dr. Mann is a member of the American Dental Association, the Maryland State Dental Association, Anne Arundel Dental Society, American Academy of Cosmetic Dentistry and is a clinical instructor in the Advanced General Dentistry Residency at the University of Maryland School of Dentistry.

Esthetic Dentistry in Tough Economic Times

<table>
<thead>
<tr>
<th>TIME</th>
<th>8:00 a.m. – 3:30 p.m.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOCATION</td>
<td>University of Maryland School of Dentistry</td>
</tr>
<tr>
<td>TUITION</td>
<td>Early bird pricing, on or before March 31, 2012</td>
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<tr>
<td></td>
<td>Dentist: $265.00</td>
</tr>
<tr>
<td></td>
<td>Hygienist/Auxiliary: $170.00</td>
</tr>
<tr>
<td></td>
<td>General pricing, on or after April 1, 2012</td>
</tr>
<tr>
<td></td>
<td>Dentist: $295.00</td>
</tr>
<tr>
<td></td>
<td>Hygienist/Auxiliary: $200.00</td>
</tr>
<tr>
<td>CREDITS</td>
<td>6 CDE credit hours / Lecture</td>
</tr>
<tr>
<td>AUDIENCE</td>
<td>Entire Dental Team</td>
</tr>
</tbody>
</table>

Course Description

This program will provide insight into how esthetic dentistry makes a general practice busier and more rewarding. Drs. Strassler and Mann will explain the importance of case selection and treatment planning for optimizing success. The course will also feature an overview of the techniques for bleaching treatments and porcelain veneers, including minimally-invasive veneers.

Objectives:

Upon the conclusion of this presentation, each participant should be able to:

- List recommendations for changes that will enhance patient acceptance of esthetic dentistry
- Differentiate between the conventional view of porcelain veneers and minimally-invasive veneers
- Describe staff team building concepts that expand the education of esthetic dentistry
- Describe techniques for the placement of porcelain veneers
- Review current tooth whitening techniques for both in-office and at-home bleaching
- Describe the causes of failure and how to avoid them
- Review over-the-counter whitening choices
**Marvin Leventer, DDS**

Marvin Leventer, DDS, received his dental degree from the University of Maryland School of Dentistry in 1990. He then completed a two-year general practice residency and a two-year dental anesthesiology residency at Brookdale Hospital Medical Center in New York. Dr. Leventer is a diplomate of the American Dental Board of Anesthesiology and a fellow of the American Dental Society of Anesthesiology. He is also a member of the American Society of Dentist Anesthesiologists, and the Academy of General Dentistry. Dr. Leventer is an assistant professor in dental anesthesia at the University of Maryland School of Dentistry, and provides general dentistry within the faculty practice.

**Richard L. Wynn, PhD**

Richard L. Wynn, PhD, is professor of pharmacology at the University of Maryland School of Dentistry. Dr. Wynn has served as a dental researcher and teacher of dental pharmacology and dental hygiene pharmacology for his entire professional career. He holds a bachelor’s degree in pharmacy and a doctorate in pharmacology from the University of Maryland. Dr. Wynn chaired the Department of Pharmacology at the University of Maryland School of Dentistry from 1980 to 1995. Previously, he chaired the Department of Oral Biology at the University of Kentucky College of Dentistry. Dr. Wynn has authored over 300 publications and has given over 500 continuing education seminars, nationally and internationally.

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**Combined Inhalation — Enteral Conscious Sedation for the Adult Dental Patient**

*(Registration limited to 30)*

**COURSE DESCRIPTION**

This intensive, 24-hour course offers training in the safe and effective use of combined inhalation-ental conscious sedation in the adult dental patient. This case-based course will provide in-depth discussion of each aspect of the sedation regimen, including scenarios of how to do things correctly as well as what can go wrong. All the objectives in the ADA Guidelines will be covered and a comprehensive set of reference materials will be provided. No prior experience is necessary.

**OBJECTIVES:**

Upon the conclusion of this presentation, each participant should be able to:

- Discuss indications and contraindications for oral and inhalation sedation
- Discuss mechanisms, receptors and interactions of commonly used agents
- Discuss airway anatomy and respiratory physiology as they relate to sedation
- Be prepared to aquire a permit for the use of enteral-inhalation moderate sedation technique

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**TIME**

8:00 a.m. – 5:00 p.m.

**LOCATION**

University of Maryland School of Dentistry

**TUITION**

Early bird pricing, on or before April 2, 2012
- Dentist: $1,795.00
- Team Member: $495.00

General pricing, on or after April 3, 2012
- Dentist: $1,895.00
- Team Member: $595.00

**CREDITS**

24 CDE credit hours / Lecture

**AUDIENCE**

Dentists
INSTRUCTOR

Marion C. Manski, RDH, MS
Marion C. Manski, RDH, MS, earned her certificate and associate degree in 1983 from The Forsyth School for Dental Hygienists and Northeastern University in Boston, Mass. She earned her bachelor’s degree in dental hygiene at the University of Maryland School of Dentistry in 1988. Ms. Manski also graduated from the University of Maryland Graduate School with a master’s degree in 2004. In 2006, Ms. Manski became certified in the administration of Local Anesthesia (CT). She is an assistant professor and serves as the director of admissions and recruitment for the Dental Hygiene Program.

Local Anesthesia for the Maryland Dental Hygienist

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<tbody>
<tr>
<td>LOCATION</td>
<td>University of Maryland School of Dentistry</td>
</tr>
<tr>
<td>TUITION</td>
<td>Early bird pricing, on or before April 14, 2012 Dental Hygienist: $1,200.00 General pricing, on or after April 15, 2012 Dental Hygienist: $1,300.00</td>
</tr>
<tr>
<td>CREDITS</td>
<td>20 CDE credit hours / Lecture 8 CDE credit hours / Clinical - Hands on</td>
</tr>
<tr>
<td>AUDIENCE</td>
<td>Dental Hygienists</td>
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COURSE DESCRIPTION

Through a combination of lecture and hands-on lab work, participants will gain skills in the implementation of local anesthesia. This course will provide the licensed Maryland dental hygienist with didactic and clinical laboratory components necessary to perform local anesthesia in the State of Maryland.

OBJECTIVES:

Upon the conclusion of this presentation, each participant should be able to:

- Discuss and describe the anatomy and neurophysiology of pain and pain control
- Determine the pharmacology of anesthetic agents and vasoconstrictors
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- Successfully administer local anesthesia
- Be prepared for the Local Anesthesia NERB prometric exam

Please check our website, www.dental.umbc.edu/ce for additional courses.
Please visit our website for course catalog updates. New courses are frequently added.
REGISTRATION FORM
Please use one registration form per participant. Online registration is now available at www.dental.umaryland.edu/ce.

REGISTRATION CONFIRMATIONS
A registration confirmation will be e-mailed or mailed to you two weeks prior to the course date. This information will include: directions, parking information, registration time, etc.

ENROLLMENT POLICY
Full attendance and course completion is required to obtain credit for any course.

COURSE CHECK-IN
Please check each program description for the location of the course(s). Arrive at least 30 minutes prior to the start of each course to sign in and pick up course materials.

CONTINUING EDUCATION CREDITS
The University of Maryland School of Dentistry is an approved course provider by the Maryland State Board of Dental Examiners. Please contact your state licensing authority for continuing dental education credit hour requirements and regulations. Credit hours are granted on an hourly basis, provided the course is completed. A course certificate will be issued upon completion, verifying attendance and the number of continuing education credits earned.

RECORDING OF CONTINUING DENTAL EDUCATION CREDIT
The University of Maryland School of Dentistry records each course participant’s attendance in an electronic database and supplies the participant with a course certificate for each course attended.

Course participants are responsible for forwarding the course credit information to the Academy of General Dentistry or other associations, and for maintaining their own records for license renewal.

DISCLAIMER
Dental educational institutions have an obligation to disseminate new knowledge related to dental practice. In doing so, some presentations may contain controversial materials or commercial references. Sponsorship of a continuing dental education course by the University of Maryland School of Dentistry does not necessarily imply endorsement of a particular philosophy, procedure or product by this institution. Continuing education courses do not necessarily reflect the philosophies of the University of Maryland School of Dentistry pre-doctoral or post-doctoral training programs.

The University of Maryland School of Dentistry Continuing Education Program reserves the right to modify the course content, faculty; and also reserves the right to cancel a program, if necessary, without prior notice. Should a significant change occur, every effort will be made to notify registered participants. In addition, fees listed are subject to change at any time.
CUSTOMIZED CE PROGRAMS
The University of Maryland School of Dentistry is available to assist you with your continuing education needs through custom-designed CE courses.

CUSTOMIZED REMEDIATION IN:
- Contemporary Endodontics
- Composite and Amalgam Restoration
- Diagnosis and Treatment Planning
- Northeast Regional Board (NERB) Preparation
- Restorative Dentistry
- Fixed and Removable Prosthodontics Review
- Dental Hygiene Skill Development
Call for details: 410-706-2282

AIRPORT
The Baltimore Washington International Thurgood Marshall Airport is located 12 miles south of Baltimore. Taxi service is available from all terminals to the University of Maryland Baltimore Campus.

PARKING ON CAMPUS
Visitor parking is provided for a modest fee at the Baltimore Grand Garage located at 5 N. Paca Street, Baltimore, MD 21201 (the corner of Baltimore and Paca Streets). The garage is open 24 hours per day, 7 days a week. The University of Maryland School of Dentistry does not assume any responsibility for fines or towing fees.

ASSOCIATION FOR CONTINUING DENTAL EDUCATION
The University of Maryland School of Dentistry is a member of the Association for Continuing Dental Education.

ADA CERP®
Continuing Education Recognition Program
The University of Maryland School of Dentistry is an ADA CERP recognized provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

ACADEMY OF GENERAL DENTISTRY/PACE
The University of Maryland School of Dentistry is an approved provider through the Academy of General Dentistry’s (AGD) Program Approval for Continuing Education (PACE). The formal continuing education programs of the University of Maryland School of Dentistry are accepted by the AGD for fellowship, mastership and membership maintenance credit. Approval does not imply acceptance by a state or provincial board of dentistry.

HOTEL INFORMATION
- **Baltimore Marriott Inner Harbor at Camden Yards**
  300 W. Pratt Street
  Baltimore, MD 21201
  410-962-0202
  www.marriott.com/hotels
- **Baltimore Hilton**
  401 W. Pratt Street
  Baltimore, MD 21201
  www.baltimore.hilton.com
- **Hampton Inn**
  Baltimore Downtown/Convention Center
  550 Washington Blvd.
  Baltimore, MD 21201
  410-685-5000
  www.baltimorecamdenyards.hampton.com
- **Holiday Inn - Inner Harbor**
  301 West Lombard Street
  Baltimore, MD 21201
  410-685-3500
  www.innerharborhi.com
- **Radisson Plaza Hotel Lord Baltimore**
  20 West Baltimore Street
  Baltimore, MD 21201
  410-539-9400
  www.radisson.com/univofmd
- **Sheraton Inner Harbor**
  300 S. Charles Street
  Baltimore, MD 21201
  410-962-8211
  www.sheraton.com/innerharbor
REGISTER TODAY BY:

INTERNET:
www.dental.umaryland.edu/ce

FAX:
410-706-3214
Include registration form and credit card information

PHONE:
410-706-2282

MAIL:
Make checks payable to University of Maryland School of Dentistry
University of Maryland School of Dentistry
Office of Development and Alumni Relations, Suite 6206
650 West Baltimore Street
Baltimore, MD 21201

Join our e-mail list!
We’ll let you know about our latest courses and special offerings for the entire dental team.

To add your name to the list, just e-mail:
dentalodar@umaryland.edu
or call 410-706-2282.

GENERAL CANCELLATION POLICY
In case of cancellation by registrant, refunds will be made (less a $50 admin fee) if received no later than three weeks prior to the start of course date. This does not apply to the local anesthesia course.

LOCAL ANESTHESIA COURSE CANCELLATION POLICY
In case of cancellation by registrant, refunds will be made (less a $200 admin fee) if received no later than four weeks prior to the start of course date. If cancelled within four weeks, no refunds will be issued. A credit can be issued towards the next course.

The University of Maryland School of Dentistry reserves the right to cancel any course which does not receive sufficient enrollment. In the event that enrollment is insufficient, participants will be notified of cancellation or reschedule one week prior to course date and a full refund will be made. In such circumstances, organizers will not be held liable for any expenses already incurred by any participant.
To register, please complete the following information:

Name ________________________________________________________________

Address _______________________________________________________________________________________

City ___________________________ State _______ Zip __________

E-mail ____________________________ ☐ Please send confirmation by e-mail

Office Phone ___________________________ Fax ___________________________

Cell Phone ___________________________ Home Phone ____________________

Please check all that apply:

☐ DDS  ☐ Endo  ☐ Prosth  ☐ UMSOD Staff
☐ DMD  ☐ Perio  ☐ Oral Surgery  ☐ UMSOD Student
☐ G.P.  ☐ Ortho  ☐ Office Staff  ☐ UMSOD Alum
☐ RDH  ☐ Pedo  ☐ UMSOD Faculty

Please register me for the following course:

Course Title ______________________________________________________________________________________

Course Date ___________________________ Credit Hours ______ Tuition Total ____________________

Payment information:

☐ Check or Money Order payable to: University of Maryland School of Dentistry

Please Charge My:  ☐ VISA  ☐ MASTERCARD

Credit Card # ___________________________ Expiration Date __________

3 Digit CVV Code ______________________ Signature ______________________

Card Holder’s Name (if different from registrant) __________________________________________

Please list any dietary restrictions: ____________________________________________________________

FOR OFFICE USE ONLY

PD: ______  CK#: ______  DD: ______