

## Course Registration

Advanced registration required.  
Seating is limited, register early.

Register online at [www.evolutioneducationseries.com](http://www.evolutioneducationseries.com)  
or complete and submit form below.

Doctor \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip code \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

### payment information

Tuition: \$95.00 if registered on or before September 5, 2011  
\$149.00 if registered after September 5, 2011

Check (enclosed) payable to BioHorizons  Credit card

Visa/MC/AmEx # \_\_\_\_\_

(Circle One)

Expiration date \_\_\_\_/\_\_\_\_/\_\_\_\_ CVV \_\_\_\_-\_\_\_\_-\_\_\_\_

Cardholder name \_\_\_\_\_

Signature \_\_\_\_\_

### course venue & schedule

#### Renaissance Harborplace Hotel

202 East Pratt Street  
Baltimore, MD 21202  
tel: 410.547.1200  
www.marriott.com

#### Wednesday, October 5, 2011

Registration: 8:30am - 9:00am  
Lecture: 9:00am - 4:30pm  
Breakfast and lunch provided  
6 CE credit hours

### contact information

Please fax or mail registration to:

#### Lana Shultz

2300 Riverchase Center  
Birmingham, AL 35244

tel: 205.986.7992

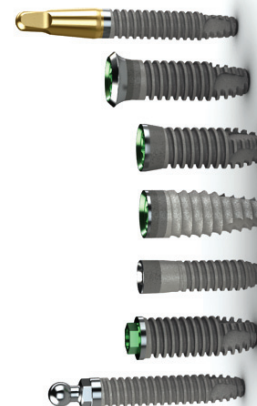
fax: 205.484.2144

lana@evolutioneducationseries.com

Cancellations must be received at least 10 days prior to the course to receive a refund. BioHorizons reserves the right to program cancellation if attendance is insufficient. Participants will be notified if a program is cancelled or rescheduled 7 days prior to the course date in which registration fees will be reimbursed. In any event, BioHorizons will not be responsible or liable for expenses incurred by the registrant.

### The Evolution Education Series

2300 Riverchase Center  
Birmingham, AL 35244



## The Evolution of Implant Dentistry

Emerging Technologies to Improve Esthetic and Economic Success

October 5, 2011  
8:30am - 4:30pm ■ Baltimore, Maryland

# The Evolution of Implant Dentistry

Emerging Technologies to Improve  
Esthetic and Economic Success

Craig Misch  
Michael McCracken

October 5, 2011 ■ Baltimore, Maryland  
An Evolution Education Series Event

### experience the evolution

The use of dental implants as the preferred method of tooth replacement continues to escalate worldwide and new forms of predictable therapy are required to satisfy the growing demand for ideal esthetics. While bone attachment to implants today is assumed, soft tissue attachment (unlike Sharpey fibers) like that of the natural dentition has proven more elusive — until now. With the introduction of innovative technologies and techniques, the ability to replace missing teeth with function and beauty similar to natural teeth is now possible.

Join Drs. Craig Misch and Michael McCracken for a multidisciplinary discussion on a scientific breakthrough that allows the engineering of a zone of attachment around implants and abutments. Learn how the discovery of an optimized microtexture surface for implants and abutments will affect the evolution of implant dentistry and restorative design. This uniform, organized surface is the result of over 20 years of *in vitro* animal and human study, and has been shown through SEM analysis and human histology to inhibit epithelial downgrowth, attach functionally-oriented connective tissue, and minimize crestal bone loss<sup>1,2,3</sup>.

Drs. Misch and McCracken bring a dynamic team approach to treatment planning and will help you apply principles of evidence-based clinical decision-making to enhance predictability, improve efficiency and increase profitability — all while maintaining superior patient care and satisfaction.



Comparative histology showing the Laser-Lok® abutment advantage versus conventional abutments.<sup>3</sup>

1. Human Histologic Evidence of a Connective Tissue Attachment to a Dental Implant. M Nevins, ML Nevins, M Camelo, JL Boyesen, DM Kim. *International Journal of Periodontics & Restorative Dentistry (IJPRD)*, Vol 28, Number 2, 2008.  
 2. Radiographic Analysis of Crestal Bone Levels on Laser-Lok® Collar Dental Implants. C Shapoff, B Lahey, P Wasserlauf, D Kim. *IJPRD*, Vol 30, Number 2, 2010.  
 3. Histologic evidence of a connective tissue attachment to laser microgrooved abutments: a canine study. M Nevins, DM Kim, SH Jun, K Guze, P Schupbach, ML Nevins. *IJPRD*, Vol 30, Number 3, 2010.



### Craig M. Misch, DDS, MDS

Dr. Misch has received postgraduate certificates in prosthodontics and oral implantology as well as a Master of Dental Science degree from the University of Pittsburgh. He then acted as Co-Director of the University of Pittsburgh Oral Implantology Center. In 1999 Dr. Misch completed a residency in oral and maxillofacial surgery and is board certified by the ABOMS. He currently practices as a dual specialist in Sarasota, Florida. Dr. Misch is a Clinical Associate Professor at New York University in the Department of Implant Dentistry. He also has faculty appointments at the University of Pittsburgh and the University of Florida. Dr. Misch is a member of the editorial boards of *Implant Dentistry*, the *Journal of Oral Implantology* and the *International Journal of Oral and Maxillofacial Implants*. He has published and lectured extensively on the topics of reconstructive surgery, bone grafting, implant surgery and prosthodontics.

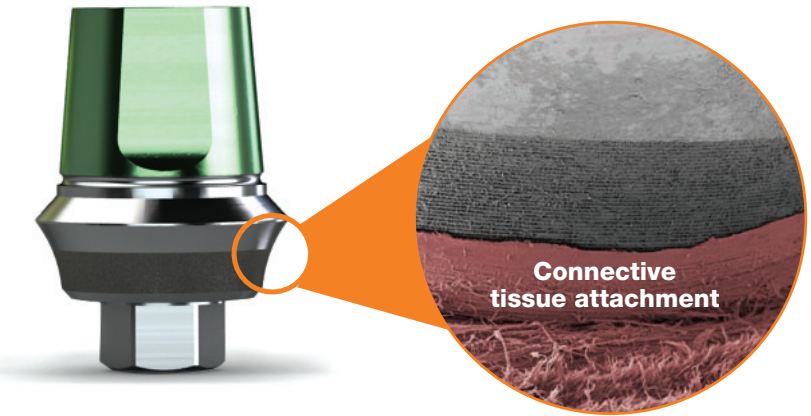


### Michael McCracken, DDS, PhD

Dr. McCracken serves as a Professor in the Department of General Dental Sciences at the University of Alabama School of Dentistry. After completing dental school at the University of North Carolina and a prosthodontic residency at UAB, he received a Ph.D. in biomedical engineering for research related to growth factors and healing of implants in compromised hosts.

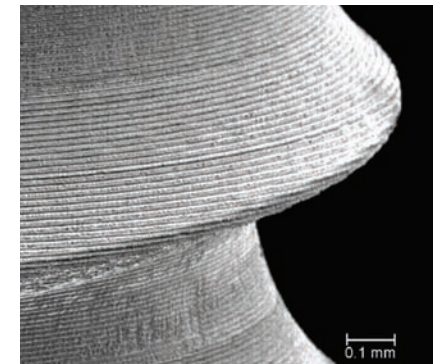
Dr. McCracken lectures internationally on topics relating to implant dentistry and the restoration of complex dental patients. He is known for his ability to explain difficult concepts, and for his practical approach to this field of dentistry. Course attendees often comment, "That is information I can use tomorrow."

Dr. McCracken has served within the University as the Associate Dean for Education, the Director of Graduate Prosthodontics, and the Director of the Implant Training Program. He maintains an active research program within the University, as well as a private practice focused on implant dentistry.



### course topics

- Engineering a zone of attachment around implants and abutments
- Immediate implant placement and temporization
- Achieving superior bone and tissue maintenance
- Histological evidence of connective tissue attachment (unlike Sharpey fibers) to microtextured implants and abutments
- Techniques to increase profitability



Extreme magnification showing organized Laser-Lok® surface treatment on the implant threads.

### 6 CE credit hours

This course is sponsored by:



Approved PACE Program Provider  
 FAGD/MAGD Credit Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement.  
 06/01/2009 to 05/31/2013.