

## Course Instructors

**James B. Fine, DMD, Course Director** - Assistant Dean for Postdoctoral Programs, Associate Professor of Clinical Dental Medicine, Director, Postdoctoral Periodontics Program Columbia University College of Dental Medicine


**Christos Angelopoulos, DDS, MS** - Associate Professor of Clinical Dental Medicine, Director, Division of Oral Radiology, Columbia University College of Dental Medicine

**Kunal Lal, DDS** - Assistant Professor of Clinical Dental Medicine, Director, Postdoctoral Prosthodontics Program, Columbia University College of Dental Medicine

**Harold Baumgarten** - Dr. Baumgarten received his dental degree, as well as Certificates in Periodontal Prosthetics and Periodontics, from the University of Pennsylvania, School of Dental Medicine. He is affiliated with the Academy of Osseointegration and the American Academy of Periodontology and is a Clinical Professor with the Department of Periodontics at the University of Pennsylvania. He maintains a private practice in Philadelphia, Pennsylvania.



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COLUMBIA UNIVERSITY  
College of Dental Medicine  
630 West 168th Street  
New York, NY 10032



COLUMBIA UNIVERSITY  
College of Dental Medicine

## Continuing Education Seminar



Wednesday  
June 11, 2008

## PRECISION IMPLANTOLOGY:

Using Advanced Radiographic And Computer Technology

This course is co-sponsored with  
an educational grant from:



## PRECISION IMPLANTOLOGY:

Using Advanced Radiographic And Computer Technology  
Wednesday, June 11, 2008

### Course Description

This course will review advanced radiographic imaging and treatment planning computer software. It will instruct the participant in placing and restoring implants with precision by using 3D imaging and computer generated surgical guides and restoration. This course will provide a methodology to improve the outcomes of implant dentistry using these advanced technologies when treatment planning, placing and restoring implants. Strategies for early and immediate loading of implants will be explored in depth.

### Course Objectives

At the conclusion of this program, participants will:

- Be able to interpret 3D digital radiographic imaging
- Design and utilize radiographic templates
- Design and utilize surgical guides
- Understand the strategies for early and immediate implant loading
- Understand the important microscopic and macroscopic implant features to maximize osseointegration
- Understand when immediate provisionalization of implant fixtures is possible
- Become familiar with the overall utility of CT guidance in implant dentistry

### General Information

**Course Location:** City University of New York Graduate Center  
365 Fifth Avenue at 34th Street, New York City

**Time:** 8:30 a.m. to 5:00 p.m.

**Credits:** 6 Continuing Education Credits will be awarded

**Tuition:** \$225 Dentist, \$200 CDM Alumni, \$112 CDM Faculty

**Registration:** Payment can be made by check or credit card. Please make checks payable to "Columbia University."

**To register, mail of fax form with payment to:**

Melissa Welsh, Columbia University College of Dental Medicine  
630 West 168th Street, NY NY 10032  
Fax: 212-342-5179, Phone: 212-305-6881  
Email: mmw7@columbia.edu

### Schedule

8:30am	<b>Registration And Breakfast</b>
9:00am	<b>Introduction – Dr. James B. Fine</b>
9:10am	<b>Strategies For Early And Immediate Loading Of Implant Fixtures</b> <i>Dr. Harold Baumgarten</i> <ul style="list-style-type: none"><li>– Biomechanical considerations for immediate loading</li><li>– Mechanical considerations for improving initial implant stabilization</li><li>– Evaluation of macroscopic and microscopic features of implant design, important for optimal osseointegration</li><li>– CT guidance and immediate provisionalization</li></ul>
12:15pm	<b>Lunch</b>
1:30pm	<b>Achieving Optimal Implant Placement And Restoration Using Advanced Radiographic And Computer Technology</b> <i>Dr. Kunal Lal and Dr. Christos Angelopoulos</i> <ul style="list-style-type: none"><li>– Indications for and treatment planning with cone-beam/3D imaging and computer-designed implant placement and restorations</li><li>– Interpreting cone-beam (3D imaging)</li><li>– Patient work-up including fabrication of radiographic templates</li><li>– Design of surgical guide for flapless implant placement</li><li>– Prosthetic options for patients treated using advanced radiographic and computer technology</li><li>– Understanding and managing potential complications</li><li>– case presentations</li></ul>
4:30pm	<b>Panel Discussion/Questions</b>
5:00pm	<b>Adjourn</b>

**Refunds:** Refunds are granted only if notification is received at least seven days prior to the course.

**Course Credit:** Columbia University School of Dental and Oral Surgery is an American Dental Association Continuing Education Recognition Program **ACCREDITED** recognized provider #027, Academy of General Dentistry (AGD) approved national sponsor, 11/05–12/09 and a Dental Board of California registered provider #3954.

Please contact your local licensing authority for CE credit hour guidelines and regulations.

**School Policy:** Sponsorship of a course by the Columbia University School of Dental and Oral Surgery does not necessarily reflect the philosophy of the School or endorsement of a procedure or product. We reserve the right to modify course content or faculty or cancel a course as deemed necessary.

### Registration Form

**PRECISION IMPLANTOLOGY:**  
Using Advanced Radiographic  
And Computer Technology  
Wednesday, June 11, 2008

Name(s) \_\_\_\_\_

Street Address \_\_\_\_\_

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

Telephone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

Specialty \_\_\_\_\_

Name to appear on Certificate \_\_\_\_\_

Total payment enclosed \$ \_\_\_\_\_

Indicate payment method:  Check  Mastercard  Visa  AmEx

Credit Card # \_\_\_\_\_ Expiration Date \_\_\_\_\_

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