

Continuing Dental Education
School of Dentistry
University of Minnesota

**Postgraduate Program in Contemporary Esthetic Dentistry:
Level I**

Goal: to provide a University-based postgraduate program in contemporary esthetic dentistry which will prepare practicing dentists to select and use contemporary materials and techniques based on scientific evidence. Dentists will be exposed to a diversity of philosophies, materials and laboratory experiences that will give them the knowledge and skills to incorporate the latest materials and techniques into practice.

Credits: 100 hours of continuing education credit
25 hours/per Weekend

Award: You will receive a certificate of completion from the University of Minnesota after successful completion of the Level I program and the written examination. Completion of Level I is a prerequisite for the Level II and III programs.

WEEKEND TWO: Indirect Esthetic Restorations

Objectives: The graduate will be able to:

1. create a cosmetic inventory and treatment plan.
2. analyze and customize individual cases for esthetic results.
3. determine when to use porcelain vs. composite veneers.
4. select porcelain systems according to specific indications and patient needs.
5. determine when to use posterior ceramics vs. composite or other restorations.
6. improve skills with cementation, preparation design and temporization for posterior ceramics.
7. improve esthetic results through effective laboratory communication.
8. create adhesive preparations for resin-based posterior restorations.
9. select the best options in flowable composites for posterior restorations.
10. create tight contact areas using matrices.
11. inject, polymerize, shape and finish posterior composite materials on models.

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*Postgraduate Program in Esthetic Dentistry: Level I
Weekend Two*

*Friday-Sunday
January 6-8, 2006*

THEME: Indirect Esthetic Restorations

PRELIMINARY PROGRAM

5-125 Moos HS Tower
Lecture Room

Friday, January 6, 2006

11:55	Remarks	<i>Dr. Patrick Lloyd Dean</i>
12:00	Smile Design	<i>Dr. Jeff Morley</i>
	Diagnostic Box	
	Principles and Theories of Smile Design	
	Micro Esthetics	
	Macro Esthetics	
	Smile Design Terminology	
	Protocol for Designing Cases	
2:30	Refreshment break	
2:45	Work-up of Complex Cases	<i>Dr. Morley</i>
	Esthetic Treatment Planning in Actual Cases	
5:00	Dinner	
6:00	Hands-on Workshop	<i>Dr. Morley</i>
	Photographic Analysis (FORM 9)	
	Esthetic Imprints: How & Why	
	How to Make an Esthetic Tracing: Rules, Tools, and Strategies	
	Designing a New Smile	
9:00	Adjourn	

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5-125 Moos HS Tower
Lecture Room

Saturday, January 7, 2006

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|-------|---|------------------------|
| 8:00 | Posterior Indirect Esthetic Restorations | Dr. Jeff Brucia |
| | Dental Materials Selection | |
| | Light Polymerization | |
| 10:00 | Refreshment break | |
| 10:15 | Indirect Materials Selection | Dr. Brucia |
| | Temporization | |
| | Laboratory Communication | |
| | Cementation | |
| 11:45 | <i>Questions and Answers</i> | Dr. Brucia |
| 12:00 | Luncheon (included) | |
| 1:00 | Preparation Design | Dr. Brucia |

4-160 Moos HS Tower
Laboratory

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|------|---|-------------------|
| 2:15 | Hands-On Workshop: preparation, temporization, laboratory fabrication and placement of indirect posterior ceramics on typodonts. | Dr. Brucia |
| 5:00 | Adjourn | |
| 5:30 | Reception—Radisson Hotel Metrodome | |

5-125 Moos HS Tower
Lecture Room

Sunday, January 8, 2006

8:00 **Posterior Composites**

Dr. Paul Belvedere

- Creating an adhesive preparation
- Creating the contact area
- Cleaning and etching
- Using a contact former
- Applying the primer/adhesive

10:00 Refreshment break

10:15 **Posterior Composites** (continued)

Dr. Belvedere

- Applying a flowable composite
- Injecting posterior composite
- Polymerization
- Occlusal shaping and finishing

11:45 *Questions and Answers*

Dr. Belvedere

12:00 Luncheon (included)

1:00 **Hands-On Workshop:** use of matrices; placing, polymerizing shaping and finishing posterior composite restorations on a typodont

Dr. Belvedere

5:00 Adjourn

GUEST SPEAKER

Paul S. Belvedere, D.D.S., Adjunct Professor, School of Dentistry, University of Minnesota. Dr. Belvedere is an internationally renowned teacher, author, inventor and innovator in composite dentistry. He maintains a full-time general and cosmetic dental practice in Edina, Minnesota. He has been a featured speaker for the ADA, ASDA, AACD, AGD as well as for several other dental schools worldwide. Dr. Belvedere has written a chapter in Dental Clinics of North America and is a consultant to several dental manufacturers.

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Jeff Brucia, D.D.S., is a graduate of the University of the Pacific School of Dentistry where he has held faculty positions on the Crown & Bridge and Operative Departments and is currently an Assistant Professor of Dental Practice. He is practicing esthetic and restorative dentistry full time in San Francisco, California. Dr. Brucia is the Director of Esthetics and Adhesive Material Science at the FACE Institute, where he introduces a partnership between gnathology, occlusion and adhesion. He is also on the faculty of several university-based postgraduate programs in esthetic dentistry. As a published author of clinical articles, he has worked as a guest editor and a clinical reviewer for several journals. He has received Fellowships in the American and International College of Dentists, the Academy of Dentistry International, the Pierre Fauchard Academy and the Doctoral Degree with Delta Sigma Delta. Dr. Brucia has worked as a developer and evaluator for new materials with several manufacturers and laboratories.

Jeff Morley, D.D.S., is one of the pioneers in the field of esthetic dentistry. He began working extensively with bonding technology in 1977. He is Co-Founder and Past President of the American Academy of Cosmetic Dentistry and Past Associate Editor of the *Journal of the American Dental Association (JADA)*. Dr. Morley is adjunct professor of Esthetic Dentistry at the State University of New York in Buffalo and is the Co-Director of the Advanced Restorative Esthetics Post Graduate Continuums at Louisiana State University and UCLA. He currently serves as a Seminar Series speaker for the American Dental Association, as well as maintaining guest speaker positions with Louisiana State University and the University of Minnesota in their Post Graduate Esthetic Programs. Aside from his numerous published articles on all facets of diagnosing and treating dental appearance, he is also on the editorial boards of the Journal of the American Dental Association, *Dentistry Today, Reality*, and the Journal of the Esthetic Dentistry Research Group. Dr. Morley is a Fellow and is accredited by the American Academy of Cosmetic Dentistry and is a Diplomate of the American Board of Aesthetic Dentistry. He also maintains a private practice focusing on appearance, wear, and aging related dental conditions in San Francisco, California.

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