

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 ONE: Foundations of Esthetic Dentistry*

**Objectives:** The graduate will be able to:

1. determine which bonding agents and procedures are clinically most effective.
2. evaluate the comparative strengths and weaknesses of composite, cement, bleaching and other esthetic materials.
3. select, manipulate, and place direct esthetic restorative materials.
4. prepare invisible anterior veneers using microfills, hybrids, tints and opaques.
5. correct color and contour problems using composite materials.
6. improve esthetic results through a sequence of contouring, characterizing, finishing and polishing.
7. understand and utilize the AACD accreditation standards during clinical photography.
8. select appropriate camera systems and films for documenting clinical cases.
9. integrate occlusion and function with esthetic dentistry.
10. record bite registration and determine centric relation.

CONTINUING DENTAL EDUCATION  
School of Dentistry  
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*Postgraduate Program in Esthetic Dentistry: Level I  
Weekend One*

*Friday-Sunday  
November 12-14, 2004*

THEME: Foundations of Esthetic Dentistry

**PROGRAM**

5-125 Moos HS Tower  
Lecture Room

*Friday, November 12, 2004*

12:00	<b>Dental Materials &amp; Esthetic Dentistry</b>	<i>Dr. Ed Swift</i>
	Dentin bonding	
2:00	Refreshment break	
2:15	Cements	<i>Dr. Swift</i>
3:00	Bleaching	<i>Dr. Swift</i>
4:00	<b>Hands-on Workshop</b>	<i>Drs. Swift &amp; Olin</i>
	Curing light effectiveness—testing of curing lights	
5:00	Dinner	
6:00	Composite materials	
7:30	<b>Hands-on Workshop</b>	<i>Drs. Swift &amp; Olin</i>
	Bonding—comparative bond strengths using instron machine	
9:00	Adjourn	

2-520 Moos HS Tower  
Lecture Room

**Saturday, November 13, 2004**

8:00 **Direct Anterior Composites**

**Dr. William Mopper**

Step-by-step application of:

- microfills
- hybrids
- tints
- opaques

10:00 Refreshment break

10:15 Contouring

**Dr. Mopper**

Characterizing

Finishing

Polishing

12:00 Luncheon (included)

1:00 **Direct Anterior Composites**  
(continued)

**Dr. Mopper**

Clinical examples: Patient cases

Problem Solving with composites

2:00 *Questions and Answers*

**Dr. Mopper**

2:15 Refreshment break

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4—160 Moos HS Tower  
Laboratory

**2:30 Hands-on Workshop**

***Robert Mopper***

Veneer exercises on models:

- using composite materials to correct color and contour problems
- creating the invisible restoration
- repairing with composite materials

5:00 Adjourn

5:30 Reception—Radisson Hotel Metrodome

5-125 Moos HS Tower  
Lecture Room

***Sunday, November 14, 2004***

5-125 Moos HS Tower  
Lecture Room

**8:00 Occlusion: Esthetics & Function**  
**Restoring the Worn Dentition**

***Dr. Fred McIntyre***

Diagnosis and treatment planning

Determinants of occlusion

Esthetic principles

Diagnostic preview

Case preparation and completion

9:15 Demonstration: bite registration  
(Contemporary Dentistry Clinic)

***Dr. McIntyre***

9:30 Refreshment break

9 Central Clinic

9:45 **Hands-on Workshop**

*Dr. McIntyre &  
Olin*

Bite registration of centric relation on student partners

12:00 Luncheon (included)

1:00 **Clinical Photography**

*Dr. Paul Olin  
Mr. Rick Spaulding*

Standards and criteria for AACD accreditation

Camera systems: digital, slide, print

Backgrounds: film types, cost and other practical tips

3:00 Refreshment break

9 Central Clinic

3:15 **Hands-on Workshop**

*Dr. Olin &  
Mr. Spaulding*

Practice with different camera systems and taking clinical slides on each other

5:00 Adjourn

**SPEAKERS**

**Fred McIntyre, D.D.S., M.S.,** Clinical Professor of Restorative Dentistry at SUNY Buffalo; Diplomate, American Board of Prosthodontics. Dr. McIntyre is Director of the Esthetic Dentistry Education Center and Clinical Coordinator of Continuing Education Programs in Esthetic Dentistry. Dr. McIntyre has been active in research, and has published several articles in refereed publications related to esthetics and has lectured on the subject of esthetics at all levels of dental education. He is a consultant for Ivoclar North America Inc. and Buffalo VA Hospital. Dr. McIntyre maintains a private practice within the University of Dental Associates at SUNY Buffalo.

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**K. William Mopper, D.D.S., M.S.** is a leading expert on cosmetic bonding. He is a frequent speaker for several prestigious national meetings, including the Greater New York Dental Meeting, the Chicago Midwinter Meeting, the California Dental Society Meeting and the Hinman Dental Meeting. In addition, he is a continuing education faculty member for the Postgraduate Program in Esthetic Dentistry at SUNY Buffalo as well as at other dental schools. Dr. Mopper is co—author of “A Complete Guide to Dental Bonding” and co—author of a chapter “Coloring with Resins,” in *Esthetic Composite Bonding*, a text by Ronald E. Jordan. He has written articles for many professional publications, has been a consultant to major facets of the dental industry and is the Co—Founder and Chairman of Cosmedent, Inc.

**Paul Olin, D.D.S., M.S.,** Associate Dean, Clinical Systems; Director, Dental Implant Program; Associate Professor, Division of Prosthodontics, Department of Restorative Sciences, University of Minnesota, School of Dentistry. In addition to his administrative and teaching responsibilities, Dr. Olin practices part—time in the faculty practice at the School of Dentistry. He has extensive clinical and teaching experience with porcelain veneers and with other areas of esthetic dentistry. *Dr. Olin is the Director of the Postgraduate Programs in Esthetic Dentistry: Levels –III at the University of Minnesota School of Dentistry.*

**Edward J. Swift, Jr., D.M.D., M.S,** Professor and Chair, Department of Operative Dentistry, University of North Carolina, School of Dentistry at Chapel Hill. Dr. Swift is actively involved in dental materials research, particularly in the areas of dentin bonding and other aspects of adhesive and esthetic dentistry. He has published over 170 journal articles and has written eight textbook chapters. Dr. Swift is a member of the editorial boards of *Practical Periodontics and Aesthetic Dentistry*, *Operative Dentistry*, *Journal of Dentistry*, and *American Journal of Dentistry* and is the Associate Editor for the *Journal of Esthetic Dentistry*. He maintains a part—time intramural practice devoted to restorative and esthetic dentistry.

*This program is funded in part by an unrestricted educational grant from 3M ESPE.*