

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 the diagnostic and clinic uses of photography in the dental practice.
8. select appropriate digital camera systems for documenting clinical cases.
9. integrate occlusion and function with esthetic dentistry.
10. record bite registration and determine centric relation.
11. review the basics of photography
12. understand color fundamentals as related to dentistry.
13. understand the use of photography in proportional smile design
14. understand and utilize the AACD accreditation standards during clinical photography.

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

*Friday-Sunday
November 14-16, 2008*

THEME: Foundations of Esthetic Dentistry

PROGRAM

5-125 Moos HS Tower
Lecture Room

Friday, November 14, 2008

12:00	Dental Materials & Esthetic Dentistry	<i>Dr. Ed Swift</i>
	Dentin bonding	
2:00	Refreshment break	
2:15	Visible light-curing	<i>Dr. Swift</i>
3:00	Composite materials	<i>Dr. Swift</i>
4:00	Cements	<i>Dr. Swift</i>
4:30	Dinner	

4th Floor Moos HS Tower
Simulation Clinic

5:30	Hands-on Workshops	<i>Drs. Swift & Olin</i>
	Curing light effectiveness—testing of curing lights and depth of cure	
	Bonding—comparative bond strengths using instron machine	
7:30	Bleaching	<i>Dr. Swift</i>
9:00	Adjourn	

2-530 Moos HS Tower
Lecture Room

Saturday, November 15, 2008

- | | | |
|-------|--|---------------------------|
| 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 | <i>Questions and Answers</i> | Dr. Mopper |
| 2:15 | Refreshment break | |

4th Floor Simulation Clinic

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 University Hotel

5-125 Moos HS Tower
Lecture Room

Sunday, November 16, 2008

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

Dr. McIntyre

9:30 Refreshment break

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9th floor Central Clinic

9:45 **Hands-on Workshop**

*Dr. McIntyre &
Olin*

Bite registration of centric relation on student partners

5-125 Moos HS Tower
Lecture Room

12:00 Luncheon (included)

1:00 **Clinical Photography**

Dr. Dan Ward

Standards and criteria for AACD accreditation

Camera systems: digital, slide, print

Backgrounds: film types, cost and other practical tips

3:00 Refreshment break

3:15 **Clinical Photography** (demonstrations)

*Dr. Ward, Dr. Paul Olin &
Mr. Rick Spaulding*

9th floor Central Clinic

4:00 Optional student practice on each other

5:00 Adjourn

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SPEAKERS

Fred McIntyre, D.D.S., M.S., Clinical Professor Emeritus of Restorative Dentistry at SUNY Buffalo; Diplomate, American Board of Prosthodontics. 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 Great Lakes Orthodontics and Chief of Prosthodontics at Buffalo VA Hospital.

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 Professor, Division of Prosthodontics, Department of Restorative Sciences, University of Minnesota, School of Dentistry; Director, Dental Implant Program, 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.*

Rick Spaulding, as a leading photographer specializing in dental digital photography, Mr. Spaulding has become a popular speaker at state and national dental meetings. He has presented programs for the ADA Annual Session and the Star of the North meetings as well as for the University of Minnesota School of Dentistry. He maintains his connection with National Camera Exchange that enables him to stay on top of the industry’s latest products and trends.

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.

Daniel H. Ward, D.D.S., Assistant Clinical Professor, The Ohio State University, and private practitioner, Columbus, Ohio. Dr. Ward lectures for the Postgraduate Programs in Esthetic Dentistry at SUNY Buffalo and at the University of Minnesota. He is the Examiner for all of the PGED programs. He is a fellow of the American Society for Dental Aesthetics and serves as editor of the *ASDA Journal*. He has published numerous articles and lectured worldwide.

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