CONTINUING DENTAL EDUCATION  
School of Dentistry  
University of Minnesota

Postgraduate Program in Contemporary, Esthetic & Implant Dentistry:  
Level I  
Friday-Sunday  
January 13-15, 2017

PRELIMINARY PROGRAM

2-520 Moos Tower • Lecture Room

Friday, January 13, 2017

12:00  **Adhesive Material Science**  
Dr. Jeff Brucia

Review of systems today  
How to select the best system for your practice

2-690 Moos Tower • Lecture Room

2:00  Refreshment break

2:15  **Biocompatible and Bioactive Materials Review**  
Dr. Brucia

Best materials  
Current uses

3:30  **Posterior Indirect Restorations**  
Dr. Brucia

Preparation  
Material Selection  
Temporization  
Cementation

5:00  Dinner (included)

5:45  **Posterior Indirect Restorations** (continued)  
Dr. Brucia

4th Floor Moos HS Tower • Simulation Laboratory

7:00  **Posterior Indirect Restoration Workshop**  
Dr. Brucia

**Hands-on Exercises:** preparation, temporization, laboratory  
fabrication and placement of indirect posterior ceramics on typodonts.  
Drs. Brucia, Olin & Spencer

9:15  Adjourn
Saturday, January 14, 2017

8:00  **Indirect Esthetic Techniques and Materials**  
Dr. Lee Ann Brady

- Anterior full and partial coverage preparation design
- Posterior full and partial coverage preparation design
- Preparation planning
- All Ceramic material selection
- Bonding and cementation

10:30  Refreshment break

10:45  **Indirect Esthetic Techniques and Materials** (continued)  
Dr. Brady

12:15  Luncheon (included)

1:00  **Indirect Esthetic Techniques and Materials** (continued)  
Dr. Brady

2:45  Refreshment break

3:00  **Instron Test Results**  
Dr. Paul Olin

**Porcelain Veneer Hands-on Workshop**  
Drs. Brady, Olin & Spencer

- Veneer preparation on typodonts (#5, #7, #8)
  - veneer prep without a wrap
  - veneer prep with a wrap
- Luting veneers on typodonts
  - luting with a contour strip
  - other luting methods

5:15  Adjourn

5:30  Social Hour – Applebee’s @ the Commons Hotel
Sunday, January 15, 2017

2-690 Moos Tower • Lecture Room

8:00  Occlusion & Function: Restoring the Worn Dentition  Dr. Fred McIntyre
Diagnosis and treatment planning
Determinants of occlusion
Esthetic principles
Diagnostic preview
Case presentation
Demonstration: bite registration  Dr. McIntyre

9:30  Refreshment break

8 North Clinic

9:45  Hands-On Workshop  Dr. McIntyre & Dr. Paul Olin
Bite registration of centric relation on student partners

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11:30  Luncheon (included)

12:15  Overview of Digital Dentistry  Dr. Gisele Neiva
- general CAD/CAM concepts
- conventional vs. digital workflows
- image acquisition > camera types and specific features

Digital Dentistry Systems
- digital impression systems > Itero, True Definition, Trios, CEREC Connect ...
- chairside CAD/CAM systems > CEREC Omnicam 4.4 and E4D
- clinical application of systems > workflow and current evidence

1:45  Refreshment break
Sunday, January 15, 2017 (continued)

2:00  Restorative Materials  
      Dr. Neiva

- ceramics > options and handling
- cements > options and handling
- clinical research evidence > restoration longevity, margin adaptation, post op sensitivity

Digital Dentistry Innovations

- digital solutions for implant, FPD, and ortho applications
- digital implant workflow
- digital FPD workflow and clinical research evidence

3:30  Refreshment break

3:45  Digital Dentistry Hands-on Workshop  
      Dr. Neiva,  
      Dr. Paul Olin & Dr. Erin Johnson

- scan maxillary and mandibular preparations
- experience digital impression workflow
- experiment with more than one digital impression system

5:15  Adjourn

SPEAKERS

Lee Ann Brady, D.M.D., is a nationally recognized educator/lecturer/writer and maintains a private restorative practice in Glendale, Arizona. Dr. Brady earned her dental degree from the University of Florida College Of Dentistry. She is the former Executive Vice President of Clinical Education for Spear Education and Clinical Director of the Pankey Institute. Dr. Brady is President of leeannbrady.com, which offers continuing education workshops, seminars and online content at www.leeannbrady.com. She is the clinical editor of the Seattle Study Club Journal, a Guest Presenter at The Pankey Institute and teaches for the University of Florida College of Dentistry Department of Continuing Education. Dr. Brady has published articles in General Dentistry, Dentistry Today, Seattle Study Club Journal, Oral Health Journal (Canada), Dentistry IQ, Women Dentist Journal, Dental Practice Report, Private Dentistry (UK), Journal of Dental Technology and other print and web publications. She is a frequent presenter at local, state, national and international dental meetings such as the ADA Annual Session, AADC Annual Meeting, Thomas P. Hinman Dental Meeting, Chicago Midwinter Meeting, Yankee Dental Congress and Florida National Dental Congress. In 2010, Dr. Brady was recognized by Dental Products Report as one of the “Top 25 Women Dentists in the U.S.” in the category of dental educator. lee@leeannbrady.com
Jeff Brucia, D.D.S., is a graduate of the University of the Pacific School of Dentistry where he is currently an Assistant Professor of Dental Practice. Dr. Brucia practices aesthetic and restorative dentistry full time in San Francisco, California. He is the Co-Director of the FACE Institute where he chairs the department of Aesthetics and Adhesive Material Science. His focus is to build a partnership between gnathology, occlusion and adhesion. Dr. Brucia is also on the faculty of several university based postgraduate programs in Aesthetic Dentistry. He is the 2011 recipient of the Gordon J. Christensen Lecturer Recognition Award. In 2010, Dr. Brucia was elected a fellow in the American Academy of Esthetic Dentistry. He has also been selected by Dentistry Today as one of the top clinicians in dental continuing education today. Dr. Brucia is past chair of the CDA Board of Managers, Scientific Sessions. As a published author of clinical articles, he has worked as a guest editor and a clinical reviewer for several journals. Dr. Brucia 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. He has worked as a developer and evaluator for new materials with several manufactures and laboratories. miramarjb@yahoo.com

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. fmmcintyre@yahoo.com

Gisele Neiva, D.D.S, M.S., M.S., Clinical Associate Professor and Director of the Graduate General Dentistry Clinic, Department of Cariology, Restorative Sciences and Endodontics, University of Michigan School of Dentistry. Dr. Neiva also serves as the Assistant Director of the Graduate Program in Restorative Dentistry as well as the Co-director of the Computerized Dentistry Program. She graduated from the Federal University of Paraná (Brazil) and went on to earn two master’s degrees: one in Restorative Dentistry from the University of Michigan School of Dentistry and the other in Clinical Research & Statistical Analysis from the University of Michigan School of Public Health. Dr. Neiva has been involved in clinical and laboratory research for 20 years. Her initial work focused on laboratory materials testing studies of composite resins, resin cements and dental ceramics resulting in a number of publications in peer-reviewed journals. For the last seven years, she has been collaborating with Dr. Dennis Fasbinder on several large randomized clinical trials of CAD/CAM and digital dentistry technology applies to restorative dentistry. Dr. Neiva is a reviewer for the Journal of Dental Research, Journal of Esthetic and Restorative Dentistry, the Journal of Operative Dentistry, the Journal of Prosthodontics and the Journal of Oral Rehabilitation. She also has a part-time dental practice in Ann Arbor, Michigan where she employs many digital computerized techniques and materials.

Erin C. Johnson, D.D.S., Clinical Assistant Professor of Implant Dentistry, Division of Prosthodontics, Department of Restorative Sciences, University of Minnesota School of Dentistry.
LABORATORY INSTRUCTORS (continued)

Paul S. Olin, D.D.S., M.S., Director, Dental Implant Program; Associate Professor, Division of Prosthodontics, Department of Restorative Sciences, University of Minnesota, School of Dentistry. Dr. Olin practices part-time in the faculty practice at the School of Dentistry. He has extensive clinical experience with porcelain veneers and several other areas of esthetic dentistry. Dr. Olin is the Director of Postgraduate Programs in Contemporary & Esthetic Dentistry Levels I-III at the University of Minnesota School of Dentistry. olinx001@umn.edu

Michael Spencer, D.D.S., practiced general dentistry in St. Louis Park, Minnesota for 37 years; graduate of the 1998 Postgraduate Program in Esthetic Dentistry: Level II, University of Minnesota. Dr. Spencer is also a graduate of the Certificate Program in Esthetic Dentistry, University of Buffalo, New York, 2007. He has also served as a clinical mentor for the Postgraduate Program in Contemporary & Esthetic Dentistry: Level II, University of Minnesota since 1999.

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