2018 Theodore J. Urban, PhD
Memorial Lecture

The State-of-the-Art and Future Advances in Dental Composite Restorative Materials
Friday, September 14, 2018
Presented by Jack Ferracane, MS, PhD

Elevating Your Everyday Restorative Practice—Anterior Direct Composites
Friday, September 14, 2018
Presented by Marcos A. Vargas, DDS, MS

PURPOSE AND OBJECTIVES
The State-of-the-Art and Future Advances in Dental Composite Restorative Materials
Presented by Jack Ferracane, MS, PhD
To describe the current state-of-the-art of dental composite restoratives, and to identify future trends in the development of these complex and continually changing materials.
1. Describe the composition of current dental composites and explain how it affects their physical properties.
2. Describe the modifications in dental composite formulation that allows them to be used as bulk-fill restoratives.
3. Explain the meaning of bioactive materials and how they can be incorporated into dental composites to provide beneficial effects.

Elevating Your Everyday Restorative Practice—Anterior Direct Composites
Presented by Marcos A. Vargas, DDS, MS
To provide tips and techniques for predictable and sensitivity-free bonded restorations in daily practice; and provide guidelines for shade selection, cavity preparation, layering style, contouring and polishing to obtain functional and esthetic restorations. A step-by-step approach will be used to present how to achieve excellence in bonding and in various direct restorations including, Class IVs, diastema closures and direct veneers.
1. Utilize adhesives to obtain sensitivity-free restorations.
2. Select a direct resin composite for esthetics restorations.
3. Understand the key aspects to obtain anterior esthetic resin composite restorations.

Mike and Josie Harper Center,
Ahmanson Ballroom
602 N. 20th St., Omaha, Nebraska
Creighton University Campus

$75  Current Creighton University School of Dentistry faculty
$150  Creighton University alumni
$200  Non-alumni

5.5 CE hours
Register by Monday, September 10

Register at healthsciences.creighton.edu/urban
Theodore J. Urban, PhD, Memorial Lecture
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ACCREDITATION STATEMENT
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The Creighton University School of Dentistry designates this activity acceptable for 5.5 continuing education credits for the State of Nebraska.

Creighton University is an approved continuing education provider by the states of Iowa, Kansas, Minnesota, South Dakota, and Nebraska. This course meets the requirements for credit in Nebraska.

Jack Ferracane, MS, PhD

Jack Ferracane is professor and chair of restorative dentistry, and division director of biomaterials and biomechanics at Oregon Health & Science University, Portland, Oregon. He received a BS in biology from the University of Illinois, and an MS and PhD in biological materials from Northwestern University. Ferracane is a founding fellow and past-president of the Academy of Dental Materials. He is a past-president of the Dental Materials Group of the International Association for Dental Research. He is a past president of the American Association for Dental Research.

Ferracane is the recipient of the Wilmer Souder Award from the Dental Materials Group of the IADR, and the Founders Award from the Academy of Dental Materials. He is an honorary member of the American College of Dentists and the Oregon Dental Association. Ferracane has been inducted as a fellow of the American Institute of Medical and Biological Engineering. He serves on the editorial board of 10 journals, and is associate editor of the Journal of Dental Research and Odontology. He has authored a textbook titled Materials in Dentistry – Principles and Applications.

Ferracane has published and lectured extensively on dental materials, including dental composites, adhesives, amalgam and practice-based dental research.

Marcos A. Vargas, DDS, MS

Marcos Vargas attended Cayetano Heredia University School of Dentistry in Lima, Peru, and graduated in 1985. From 1990 to 1992, he participated in the AEGD program at the Eastman Dental Center in Rochester, New York. Vargas received his certificate and master’s degree in operative dentistry in 1994 at the University of Iowa, where he is currently a professor in the Department of Family Dentistry. His primary research interests are in dental materials, including glass ionomers, dentin bonding, composite resins and esthetic dentistry.

Vargas is also recognized for his expertise of Direct Restorative Treatment Procedures and conducts numerous lecture and hands-on seminars in the U.S. and internationally.

Vargas has published extensively in the area of dental adhesion and resin composites for over 25 years. He maintains a private practice limited to operative dentistry with an emphasis on aesthetic dentistry.

SCHEDULE

7:30 a.m.
Registration, Table Clinics, Continental Breakfast

8–10 a.m.
Marcos A. Vargas, DDS, MS

10–10:15 a.m.
Break

10:15–11:30 a.m.
Dr. Vargas lecture continues

11:30 a.m.
Lunch

12:45–2:15 p.m.
Jack Ferracane, MS, PhD

2:15 p.m.
Break

2:30–3:15 p.m.
Dr. Ferracane lecture continues

3:15 p.m.
Adjournment

Questions? Contact:
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PLANNING COMMITTEE
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