

## **Registration:**

(Please return to Dr. Steven Liu, 110 Gallagher Road, Wayne, PA 19087, before 11/07/08.

Please make checks payable to Dr. Steven Liu)

---

Name

---

Mailing Address

---

City, State, Zip Code

---

Email

---

Telephone Number

---

License Number

---

Specialty

### Registration/Cancellation/CE Credits

The number of registrations is limited for each course, and registration is accepted on a first-come first-serve basis. Full tuition payment must accompany all registration forms.

Confirmed registrants who are unable to attend the course can obtain a refund by notifying Dr. Liu no later than three (3) days prior to the course date. Cancellations past that date will not be refunded. Dr. Liu reserves the right to cancel the course no later than seven (7) days prior to the event.

CE credits awarded in the United States for participation in the CE activity may not apply toward license renewal in all states, countries, or provinces. It is the responsibility of each participant to verify the requirements of the state, country, or province.



**Main Line Dental Implant Center**

Dr. Steven Liu, DMD, DDS  
110 Gallagher Road, Bldg 2  
Wayne, PA 19087

*Dr. Steven Liu's Study Club  
presents:*

# Dental Materials: Behind the Scene

Sponsored by:

**3M ESPE**



Another course in Dr. Steven Liu's Study Club series

# About the Speaker

## Jon Fundingsland

After training as a Chemical Engineer, Jon Fundingsland joined 3M in 1979. During his long career in dental materials, Jon has held positions of increasing responsibilities in the areas of Research, Product Development, Technical Services, International Professional Service, and as the Scientific Affairs Manager for the Restorative Business Team. His current assignment is as Professional Relations Manager.



During his years in research and development, Jon worked on such diverse product areas as the use of monoclonal antibodies to detect periodontal pathogens, dental implants, and the use of hydroxyapatite to repair osseous defects associated with periodontal disease. Most of his experience, however, was in the area of dental adhesives, resin modified glass ionomers, and composites.

Jon has been granted 7 patents pertaining to various aspects of adhesives, and was on the development teams for such products as Scotchbond Multi-Purpose Plus, Vitrebond Liner Base, and Opal Luting Cement, as well as contributing to Single Bond and Filtek Supreme. Jon has lectured extensively, in over 30 countries, on the design and efficacy of dental adhesives, composites and ionomers. Numerous technical presentations and papers are also on record.

Continuing Education Credits provided by:



# More Information

## About the Course

- Topic:** Dental Materials: Behind the Scene  
**Date:** Thursday, November 13, 2008  
**Location:** Margaret Kuo's  
175 E Lancaster Avenue  
Wayne, PA 19087  
610.688.7200  
**Time:** 6:00 - 7:00PM Registration  
7:00 - 10:00PM Dinner & Lecture  
**Tuition:** \$50.00 (payable to Dr. Steven Liu)  
**CE credit:** 3 CE Credits  
**RSVP:** Please call or mail registrations by:  
**Tuesday, November 7, 2008** to:  
110 Gallagher Road, Wayne, PA 19087  
610.688.0837  
**Special:** 3M will offer a surprise at the conclusion of the course!

Dental materials are changing, and both clinicians and manufactures are doing their best to keep up! During this presentation you will see both clinical and technical results with today's restorative products. You will also get a glimpse as to how these materials are developed through close collaboration between manufacturer and clinician.

- Dental adhesives: We are now into our 7th generation of dental adhesives. When are certain generations appropriate and when are they not? What recommendations might be upcoming based on recent research? Techniques to reduce postoperative sensitivity will also be presented.
- Nanotechnology: What can nanotechnology offer to restorative materials, from adhesives to flowables to universals to glass ionomers.

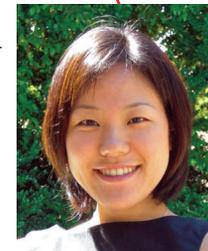
From a clinical perspective, layering techniques collected through collaborations with clinicians around the globe will be highlighted. Techniques designed to both reduce the effects of polymerization stress as well as optimize esthetics will be presented.

New developments in both chemical and digital technology will conclude the presentation.

# Special Presentation: Dr. Maki Ishii

## "Treatment Options for the 5mm Pocket"

Dr. Maki Ishii is an accomplished and promising young addition to the dental profession. She attended Johns Hopkins University for her undergraduate degree in Biophysics. Her doctoral studies brought her to the University of Pennsylvania, School of Dental Medicine where she completed a post graduate specialty in Periodontics.



She is currently the latest addition to the Main Line Dental Implant Center as Associate Periodontist. She is a member of the American Academy of Periodontology, Academy of Osseointegration, and the American Dental Association.

Dr. Ishii has presented at the Northeast Regional Implant Symposium on the "Etiology of Implant Failure." Her research and publications in progress also reflect her passionate interests in periodontics.

# About Dr. Liu

## and his Study Club



Dr. Steven Liu earned his DMD from the University of Pennsylvania, School of Dental Medicine. He pursued post-graduate specialties in Periodontics, Periodontal Prosthesis and fixed Prosthodontics, as well as Implant Surgical and Prosthetic training. Dr Liu's

clinical research activities focus on periodontal prosthesis concepts and implant dentistry. He is a member of the ADA, Pennsylvania Dental Association, American Academy of Periodontology and the Academy of Osseointegration. Dr. Liu conducts his Study Club meetings usually every other month at a local restaurant. Topics vary, and the meetings are a great place to meet and talk with other local dentists.