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## Dental Materials: Applications, Benefits and Limitations

### Speaker: Dr. Jackie Bunce

Improvements in dental materials, especially the introduction of composite materials and shape memory wires (for orthodontics), have greatly improved the dental treatment possibilities and treatment outcomes for patients of all ages. Most of these materials were originally developed for aerospace applications and later adapted for dental applications.

Dr. Bunce will discuss the applications of dental materials, as well as their benefits and limitations. Areas covered will include:

1. Composite materials used for dental fillings and orthodontics
2. Adhesives
3. Invisalign orthodontic treatment-what it is and how it works
4. Dental implants
5. Dental impression materials

Dr. Bunce will use a dental imaging program to help demonstrate some of these applications and will be available to answer questions about dentistry.

**When:** Tuesday, January 25th, 2010

Social Hour: 5:00PM

Dinner: 6:00PM

Speaker: After Dinner

**Where:** Galliano's Cucina

16435 Military Rd S, Seatac, WA 98188 (near SeaTac Airport) Free Parking  
**Directions:** From WA-99 just south of Hwy. 518, turn East on S 160th which turns into Military Rd. Galliano's is on the right, just beyond Safeway. Note: there is another Galliano's in Tukwila on Interurban Ave so don't go there!

**Price:** \$10/person, \$8/Student or Retiree

Please [RSVP](#) by noon on the Friday before the event. Non-RSVP attendees will be charged an extra \$5 at the door. *Please note that the RSVP address is now: [newsletters@sampeseattle.org](mailto:newsletters@sampeseattle.org)*

## Announcements

### Publication & Sponsorship Information:

Please send any comments, questions or concerns about the newsletter to Joel Payne at [newsletters@sampeseattle.org](mailto:newsletters@sampeseattle.org).

If your company is interested in becoming a sponsor or renewing to cover 2011 and displaying at the 2011 Puget Sound Materials Expo, please visit:

[http://www.sampeseattle.org/docs/SAMPE\\_SeattleSponsorForm2011.pdf](http://www.sampeseattle.org/docs/SAMPE_SeattleSponsorForm2011.pdf)

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## Puget Sound Engineering Council (PSEC):

PSEC will be holding its 53<sup>rd</sup> annual engineering awards banquet on Feb. 26<sup>th</sup>, 2011 at the Museum of Flight near Boeing Field. Michael Delaney, VP of Engineering for Boeing Commercial Airplanes, will be the keynote speaker. For registration and more information, please visit: <http://pseconline.org/Events/AwardsBanquet/>

## Board Business E-mail Distribution List:

If you would like to be on the "Board & Others" distribution that is used to inform people of Board meetings and conduct other board business, please send an email with subject "SAMPE Board Distribution" to [Arlene Brown](#).

**Website Address:** Check us out and keep up to date at [www.sampeseattle.org](http://www.sampeseattle.org). Questions about the website? - Please contact [webmaster@sampeseattle.org](mailto:webmaster@sampeseattle.org).

**Email Us:** You can email the Board at [seattlesampe@hotmail.com](mailto:seattlesampe@hotmail.com)

## Job Postings:

If you have a job posting, please send it to Bob Yancey for posting on the website.

## Mark Your Calendars

*Jan 25, 2011* Chapter Meeting – Jackie Bunce, presentation on dental materials

*Feb 22, 2011* SAMPE Puget Sound Materials Expo (PSME) at the Museum of Flight - Carbon Fiber High-Speed Hydroplane Boats:

Come see the only carbon-fiber hydroplane boats in existence today and learn from a leading engineer who has been involved for over 20 years in the designing of boats that win races and set new records.

*Feb 26, 2011* Puget Sound Engineering Council annual engineering awards banquet.

*Mar 22, 2011* Chapter Meeting – David Jensen of Boeing will be presenting in a joint chapter meeting with ASM.

## Mentoring Opportunities

**Central Puget Sound Mentor Night at Seattle Central CC – Feb. 2011**

**South Puget Sound Mentor Night at Highline CC – First week of Apr. 2011**

**\*\*For more information on the above mentoring opportunities, please visit: <http://pseconline.org/> or contact Kay Blohowiak \*\***

### 2010 – 2011 Seattle SAMPE Officers

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