

## Departments

### Announcements



#### 2010 Ralph Phillips Student Research Award Request for Applications

Students who wish to undertake novel research relevant to contemporary operative dentistry are invited to apply for a Ralph Phillips Student Research Award, sponsored by the Founder's Fund of the Academy of Operative Dentistry (AOD).

- **Eligibility.** Application is open to all levels of students (undergraduate, pre-doctoral, graduate and post-graduate level).
- **Selection criteria.** Research proposals may vary considerably in scientific scope and duration, reflecting the different academic programs and levels of the student-applicants. The merits of a proposal will be assessed in relation to the level of the student-applicant. Selection of the most meritorious project will be made by the AOD Research Committee.
- **Mentor.** A research mentor who is a member of the AOD should be named and serve as a co-signatory to the application. The student's mentor is asked to provide an assessment of the student's general standing, attitude and potential aspirations for teaching activities.
- **Research protocol.** The research protocol should outline the background, aims and hypothesis of the proposed project, the methodology and data analysis to be employed and the anticipated outcome on the clinical practice of operative dentistry.
- **Budget.** The budget for the proposed research should be realistic and may not exceed \$6,000. The budget sheet should include details for payment of the award, if the application is accepted.
- **Award announcement.** The recipient will be announced during the annual meeting of the Academy of Operative Dentistry at the luncheon prior to the Table Clinic session. The recipient will be notified electronically by **March 1, 2010**. Announcements will also appear in *Operative Dentistry* and on the AOD website.
- **Presentation.** The recipient of the award will be required to present a table clinic reporting the findings of the research supported by the award. Within two years after receiving the award, the research should be presented at the table clinic

session during the annual meeting of the Academy, with mention of the support by the Academy's Fellowship. Additional financial support for the table clinic presentation and AOD-meeting expenses will be provided upon request (up to \$1,000.00).

- **Progress report.** In the event that the awarded research project has not yet produced sufficient results to submit a meeting abstract for presentation, the awardee is required to submit a progress report by January 15 of the year following the award.
- **Publication.** If the research supported by the award leads to a research report intended for publication, it is expected that the report will be first submitted to *Operative Dentistry*.

Applications for the award must be submitted electronically to the chair of the Research Committee of the Academy of Operative Dentistry, Dr Tilly Peters (mcpete@umich.edu), **no later than January 15, 2010**, with subject line "AOD-Phillips Application."

The application packet should consist of the following documents (font Arial, 11 pt, 1.5 lines-spaced, 1-inch margins), all in order and combined into ONE pdf file, containing:

1. cover letter (applicant)
2. support letter (research mentor)
3. research protocol (maximum of three pages, including abstract [maximum of 250 words]), introduction and hypothesis, specific aims and work plan)
4. budget sheet (maximum of one page, including payment details)
5. references (maximum of a half-page)
6. CV of applicant (maximum of one page)

Applications not strictly following the requested format will be returned without consideration.

#### Announcement of the 2009 Paffenbarger Student Research Fellowship Award

Dr Savitri Vaseenon, originally from Chiang Mai University, Thailand, and currently a graduate student in Operative Dentistry at the University of Iowa, is the 2009 recipient of the George C Paffenbarger Student Research Award.

"Bow" Vaseenon, DDS received the awarded for her excellent proposal, "Relationship between caries-affected dentin mineral density and microtensile bond

strength.” Dr Vaseenon will pursue her project under the guidance of Dr Steven Armstrong.

Dr Vaseenon’s research interest is in the field of adhesion between caries-affected dentin (CAD) and resin-based composite. Since CAD is the most common substrate presented to restorative dentistry, it is critical that a better understanding of its physical properties and mechanism of adhesion for the advancement of minimally invasive restorative dentistry be acquired.

### Synopsis

It has been shown that the bond between CAD and adhesive materials is not as strong as that with normal teeth and, hence, this reduced bond integrity leads to premature failure of the restoration. This problem remains unsolved and has raised interest in studies comparing the strength of the bond between CAD and tooth-colored material using different bonding strategies. Since there have been no studies measuring the mineral density of CAD at the resin dentin interface, the purpose of my research is to determine the relationship between its microtensile bond strength and mineral density.

Mineral density measurements will be performed using microcomputed tomography.

Understanding this substrate is critical to improving clinical success and the advancement of minimally invasive dentistry for the benefit of our patients.

### 39<sup>th</sup> Annual Meeting of the Academy of Operative Dentistry

24-26 February 2010,  
Fairmont Hotel, Chicago, IL

The Academy of Operative Dentistry’s 39<sup>th</sup> Annual Meeting once again offers an incredible group of world-class essayists, over 30 table clinics filled with practical information and personal demonstrations and a wonderful social program. Our meeting is the heart of the Academy and is held in conjunction with the Chicago Mid-Winter meeting as well as various other academy meetings, so that attendees can maximize the benefits of their time and travel. Please plan on joining your colleagues and fellow academy members to receive cutting-edge information and be revitalized in your commitment to excellence in dentistry.

Remember, the Academy of Operative Dentistry is an ADA-CERP-recognized provider and attendees at the 2010 meeting will be awarded 12 hours of continuing education by the Academy. A certificate to that effect will be provided to each registrant at the conclusion of the meeting.

**SCIENTIFIC SESSION:** Thursday’s lineup begins in the Imperial Ballroom with Dr Mark Cruz presenting

the Richard V Tucker Lecture of Excellence, “Decision-Making Theory and Its Effect on Clinical Outcomes.” Dr Dennis Fasbinder follows with “Restorative Dentistry in a Digital World.” The 29<sup>th</sup> Buonocore Memorial Lecture, “Assessing Quality of Care in Dental Practice,” will be presented by Dr James Bader. The highlight of Thursday’s luncheon will be the presentation of the Hollenback Memorial Prize to Dr J Rodway Mackert, Jr. Thursday afternoon features Dr Galip Gurel presenting “Esthetic Excellence: Being Minimally Invasive With Interdisciplinary Approaches,” followed by Dr John Burgess presenting “All Ceramic Restorations—State of the Art.” The afternoon will close with a Special Panel Discussion featuring Drs Gurel and Burgess, moderated by Drs James Summitt and Thomas Hilton. There will be a CODE meeting following the afternoon session.

Friday morning introduces Dr Jeff Rouse discussing “Bruxism: Myths and Mysteries Examined,” followed by Dr Richard Schwartz presenting “The Restoration of Endodontically-Treated Teeth: The Endodontists Perspective.” The Scientific Session will close with Dr Carl Haveman on “Dental Management of Xerostomic Patients.” Friday lunch will be held in the Mid-America Club and will feature the presentation of the Academy’s Award of Excellence to Dr Richard Stevenson III. The 2010 annual session will conclude with over 30 informative table clinics presented on Friday afternoon, including four special “seated” clinics.

**RECEPTION:** Finally, our Gala Reception on Thursday evening will once again provide a wonderful, once-a-year platform for socializing with all our friends and colleagues from across the country and around the world. Plan to join us in the International Ballroom at 6:30 pm.

Please don’t miss this fantastic opportunity for education, information exchange and fun. See you in Chicago in February! For more meeting information, contact Dr Gregory Smith, PO Box 14996, Gainesville, FL 32604-2996; FAX: (352) 371-4882; e-mail: greg679@cox.net, or you can go to the Academy of Operative Dentistry website: [www.operativedentistry.com](http://www.operativedentistry.com).

### E-Z Gold Starter Kit Items Available

Clinicians interested in their own personal set of basic direct gold instruments for study club or private practice can now put together their own kit, including stainless cassette, annealing lamp and direct gold. These items are available from individual suppliers.

Please contact the Lloyd Baum Dental Center, EZGoldLB@aol.com, (909) 796-2152, or Dr Clyde Roggenkamp at [croggenkamp@llu.edu](mailto:croggenkamp@llu.edu) for a recommended list and current supplier information.