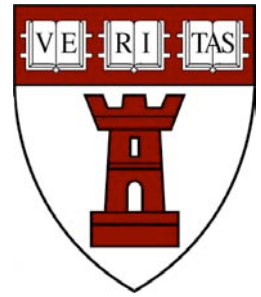
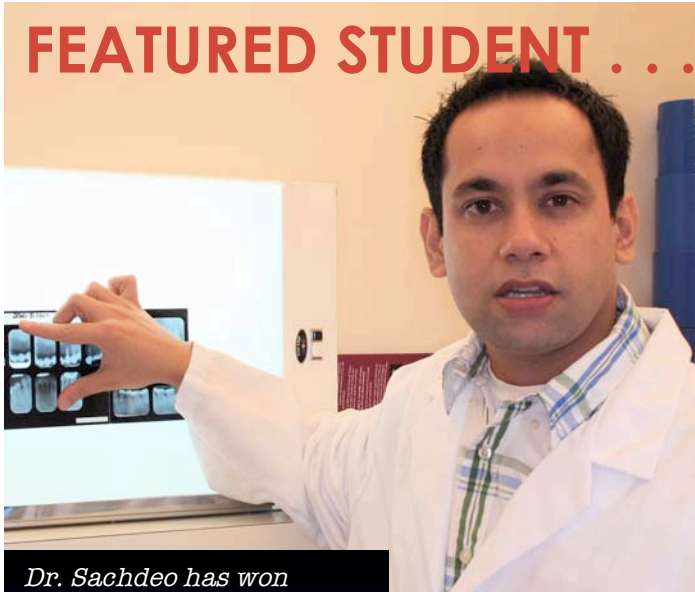


HSDM OFFICE OF RESEARCH BULLETIN



Jan/Feb 2006

FEATURED STUDENT . . . DR. AMIT SACHDEO



**AMIT SACHDEO BDS MS DMSC (2006),
ADVANCED GRADUATE STUDENT IN
PROSTHODONTICS, HAS BEEN ONE THE
MOST PRODUCTIVE DENTAL STUDENTS
AT HSDM IN TERMS OF SECURING
RESEARCH GRANTS AND AWARDS.**

Dr. Sachdeo has won several significant awards and received numerous grants for his research. Dr. Sachdeo's research is under the mentorship of Drs. Socransky and Haffajee at The Forsyth Institute. His work on biofilm formation in the edentulous is original, landmark research in the specialty of prosthodontics. He currently has two publications in peer-reviewed journals.

"Dr. Sachdeo exemplifies the clinician, researcher, leader that we want in our prosthodontics program. His outstanding performance has been very positive for those entering our program. We are very proud of his accomplishments."

DR. ROBERT WRIGHT
Prosthodontics Program Director

★ 2003 Recipient of the Straumann ITI Educational Grant

★ 2004 Recipient of The American College of Prosthodontists / P&G Research Fellowship in Complete Denture Prosthodontics

★ 2005 1st Place Recipient of The Academy of Prosthodontics Foundation Research Grant

★ 2005 1st Place Recipient of The Academy of Prosthodontics Meeting - Gordon Memorial Essay Contest

★ 2005 1st Place Recipient in the table clinic competition at the annual American College of Prosthodontists' meeting in Los Angeles, CA

★ 2005 Recipient of the Straumann ITI Educational Grant

★ 2005 Grand Prize Recipient of The Greater New York Academy of Prosthodontics Student Award

★ 2005 Recipient of The American College of Prosthodontists / ESPE Research Fellowship in Geriatric Prosthodontics

★ 2005 Recipient of the Northeastern Gnathological Society Granger-Pruden Award (given to one resident in the United States each year).

RECENT PUBLICATIONS:

Boucher K, Siegel CS, Sharma P, Hauschka PV, Solomon KR. **HMG-CoA reductase inhibitors induce apoptosis in pericytes.** *Microvascular Research* 2006; Jan 18.

Friedland B, Katzman E. **After-hours emergency coverage by private practitioners in Massachusetts.** *Journal of the Massachusetts Dental Society* 2005 Fall;54(3):22-25.

Han X, Kawai T, Eastcott JW, Taubman MA. **Bacterial-responsive B lymphocytes induce periodontal bone resorption.** *Journal of Immunology* 2006;176(1):625-631.

Joshiyura KJ, Pitiphat W, Hung HC, Willett WC, Colditz GA, Douglass CW. **Pulpal inflammation and incidence of coronary heart disease.** *Journal of Endodontics* 2006;32(2):99-103.

Lal K, White GS, Morea DN, Wright RF. **Use of stereolithographic templates for surgical and prosthodontic implant planning and placement. Part I. The concept.** *Journal of Prosthodontics* 2006;15(1):51-8.

Onuma Y, Takahashi S, Haramoto Y, Tanegashima K, Yokota C, Whitman M, Asashima M. **Xnr2 and Xnr5 unprocessed proteins inhibit Wnt signaling upstream of dishevelled.** *Developmental Dynamics* 2005;234(4):900-910.

Onuma Y, Yeo CY, Whitman M. **XCR2, one of three Xenopus EGF-CFC genes, has a distinct role in the regulation of left-right patterning.** *Development* 2006;133(2):237-250.

Plotkin SR, Dorfman MV, Loeffler JS. **Facial numbness in a man with inguinal and retroperitoneal masses.** *Nature Clinical Practice Oncology* 2005;2(1):54-58.

Razzaque MS, Sitara D, Taguchi T, St-Arnaud R, Lanske B. **Premature aging-like phenotype in fibroblast growth factor 23 null mice is a vitamin D-mediated process.** *FASEB Journal* 2006; Jan 25.

Ritter L, Yeshwant K, Seldin EB, Kaban LB, Gateno J, Keeve E, Kikinis R, Troulis MJ. **Range of curvilinear distraction devices required for treatment of mandibular deformities.** *J Oral and Maxillofacial Surgery* 2006;64(2):259-264.

Schulten A, Lim AA, Bruun RA, Hayes C, Mulliken JB, Padwa BL. **Combined push-pull distraction for correction of syndromic midfacial hypoplasia.** *J Oral and Maxillofacial Surgery* 2006;64(1):23-30.

Suzuki T, Schirra F, Richards SM, Treister NS, Lombardi MJ, Rowley P, Jensen RV, Sullivan DA. **Estrogen's and progesterone's impact on gene expression in the mouse lacrimal gland.** *Investigative Ophthalmology and Visual Science* 2006;47(1):158-68.

Thurmuller P, Troulis MJ, Rosenberg A, Chuang SK, Kaban LB. **Microscopic changes in the condyle and disc in response to distraction osteogenesis of the minipig mandible.** *J Oral and Maxillofacial Surgery* 2006;64(2):249-258.

Treister NS, Richards SM, Suzuki T, Jensen RV, Sullivan DA. **Influence of androgens on gene expression in the BALB/c mouse submandibular gland.** *Journal of Dental Research* 2005;84(12):1187-1192.

Vercellotti T, Nevins ML, Kim DM, Nevins M, Wada K, Schenk RK, Fiorellini JP. **Osseous response following resective therapy with piezosurgery.** *Int Journal of Periodontics and Restorative Dentistry* 2005;25:543-549.

Wright RF, Yamano S. **Atlas of oral and maxillofacial rehabilitation.** *Journal of Prosthodontics* 2006;15(1):69-70.

Zimmermann CE, Troulis MJ, Kaban LB. **Pediatric facial fractures: recent advances in prevention, diagnosis and management.** *International Journal of Oral and Maxillofacial Surgery* 2006;35(1):2-13.

NEWS & IMPORTANT DATES:

RYAN BLISSETT (DMD 2006) (along with Faculty member, **DR. SANG PARK**) has been selected as one of five recipients for the ACP Fellowship in Complete Denture Prosthodontics for "*Effect of surface-charged resins on the adhesion of Candida albicans*" a clinical follow-up of Dr. Park's original project. This work is in collaboration with Dr. Nikolas Soukos at The Forsyth Institute.



SEIICHI YAMANO

(DMSc Prosthodontics 2008) was awarded the 2005-2006 American College of Prosthodontists/Proctor and Gamble Fellowship in Complete Denture Prosthodontics. Dr. Yamano is senior author on a manuscript in this month's Journal of Prosthodontics.



U P D A T E FACULTY CONSULTING

THE HMS OFFICE OF RESEARCH COMPLIANCE MUST NOW REVIEW ALL CONSULTING AGREEMENTS FOR QUAD-BASED FACULTY. Please contact Peter Harrington at 2-3884 for details.

STUDENT POSTER COMPETITION

The Harvard Forsyth Research Symposium, "**Bones & Teeth: Development, Growth and Repair**" will be held on April 7, 2006 in the HSDM REB Auditorium.

The Office of Research is soliciting posters from HSDM and Forsyth predoctoral students, advanced graduate students, and postdoctoral fellows who are participating in research projects related to bones, teeth and/or oral health. The Office of Research will pay for poster printing and will offer cash prizes in three separate categories (PREDOC, AGE & POSTDOC).

If you wish to present a poster at the April 7th Symposium, please submit your project title to Jennifer Moltoni in the Office of Research no later than March 3, 2006.



SPA & IRB NEWS:

<http://hethr.harvard.edu>

The new Harvard Ethics Training in Human Research (HETHR) is available online. The HETHR training is comprised of basic elements and special topics that must be completed to achieve and receive certification in human subjects research.

http://www.hms.harvard.edu/spa/signup/nihcom_form.htm

All Principal Investigators with NIH funding (active or pending) must sign up for an NIH Commons account. Please note, NIH is transitioning to electronic grant submission. The most common award mechanisms will transition as follows:

JUNE 1, 2006: R03 & R21 applications must be submitted electronically

OCTOBER 1, 2006: R01 applications must be submitted electronically

HARVARD SCHOOL OF DENTAL MEDICINE Grand Rounds



"Update on Vascular Anomalies"

John Mulliken, MD

Director, Craniofacial Center, Children's Hospital;
Professor of Surgery, Harvard Medical School

**FEBRUARY 27, 2006
12PM-1PM**

HARVARD SCHOOL OF DENTAL MEDICINE
NEW RESEARCH & EDUCATION BUILDING, AUDITORIUM
188 LONGWOOD AVENUE

Please contact Dawn DeCosta
dawn_decosta@hsdm.harvard.edu
with any questions. No RSVP necessary.

**DO YOU HAVE QUESTIONS ABOUT RESEARCH AT HSDM,
RESEARCH EVENTS, OR INFORMATION IN THIS BULLETIN?**

If so, please contact Dawn DeCosta
dawn_decosta@hsdm.harvard.edu ★ Office REB-404 ★ 617.432.1121