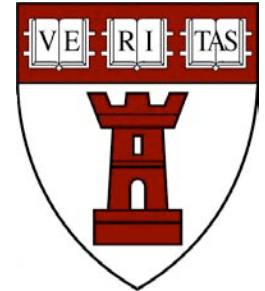


# HSDM OFFICE OF RESEARCH BULLETIN

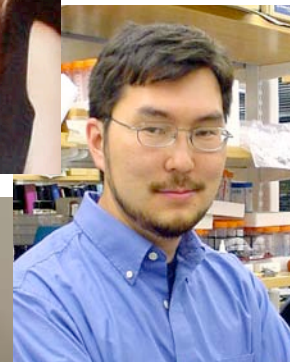


Jul/Aug 2005

## GRANTS & AWARDS:

### SHIGEMI NAGAI, PHD, DDS

Instructor in Restorative Dentistry and Biomaterials Sciences received a grant from the ITI Foundation for her project, Optical Effects of a Modified Implant Neck Color on Peri-Implant Soft Tissue Esthetics. Dr. Nagai practices in the Harvard Dental Center Faculty Group Practice and has a lab in the REB 3<sup>rd</sup> floor.



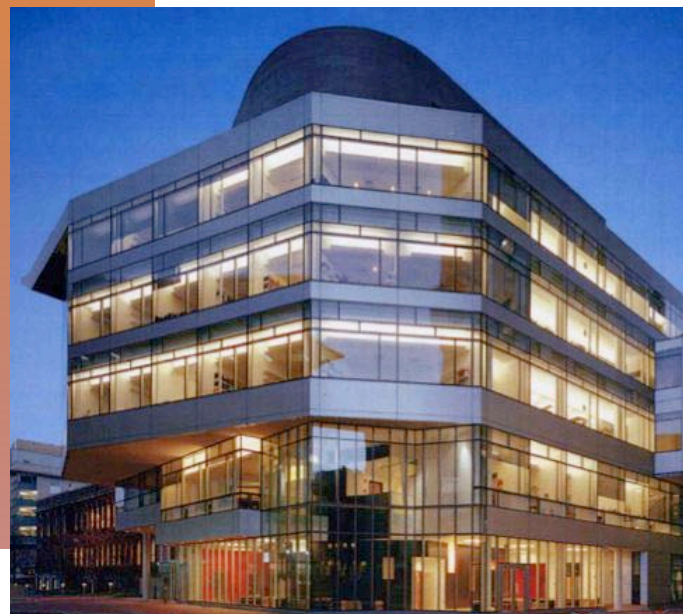
### ARKHAT ABZHANOV, PHD

Assistant Professor in Developmental Biology received a Fellowship from The Eleanor and Miles Shore Scholars in Medicine Program. The Program was established to help junior faculty at the point in their careers when they must teach, do research, compete for grants, and publish at the same time they may be assuming increased family or other responsibilities. The Abzhanov Lab studies how differentiation of the cranial neural crest cells into chondrocytes and osteocytes occurs on the cellular and tissue level. They are also interested in the mechanisms by which the processes evolve to produce distinct craniofacial morphologies. Dr. Abzhanov's Lab is in the REB 5<sup>th</sup> floor.



### MARTIN NWEEIA, DMD

Clinical Instructor in Restorative Dentistry and Biomaterials Sciences received a grant from The National Geographic Society to fund his 2005 expedition to the Baffin Island in the Arctic Bay for his Narwhal Tooth field research. The project is jointly-sponsored by Dr. Weber and the Restorative Dentistry and Biomaterials Sciences Department as well as the Smithsonian Foundation.



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- Kwon KR, Sachdeo A, Weber HP. Achieving immediate function with provisional prostheses after implant placement: A clinical report. *Journal of Prosthetic Dentistry* 2005;93(6):514-517.
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- Reece ST, Stride N, Ovendale P, Reed SG, Campos-Neto A. Skin test performed with highly purified *Mycobacterium tuberculosis* recombinant protein triggers tuberculin shock in infected guinea pigs. *Infection and Immunity* 2005;73(6):3301-3306.
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# STUDENT ACTIVITIES:

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The Academy of Prosthodontics Foundation has awarded grants to three Harvard School of Dental Medicine Advanced Graduate Prosthodontics students. **DR. AMIT SACHDEO** for his project, Intra-Oral Biofilm Formation. Dr. Sachdeo is working with his mentor, Dr. Sigmund Socransky at The Forsyth Institute. **DR. SEIICHI YAMANO** for his project, Polymeric Gene Discovery of VEGF and BMP-2 for Bone Regeneration. Dr. Yamano is working with his mentor, Dr. David Mooney in the Division of Engineering and Applied Sciences at Harvard University. **DR. CORTINO SUKOTJO** for his project, Osteoclastic Phenotypic Characterization on Different Titanium Implant Surface Topographies. Dr. Sukotjo is now a Faculty member in Restorative Dentistry and Biomaterials Sciences at HSDM.

Congratulations to **ELIZABETH CHANESON, CAROLINE LAURENT (06)** (Student Directors), and **DR. JARSHEN LIN** (Faculty Advisor). They just won the first place of The 2005 Community Preventive Dentistry Award of ADA through their efforts of Project Bridge, the oral health care programs for homeless teens .

The Community Preventive Dentistry Award was established in 1972 by the ADA and Johnson & Johnson Oral Health Co. to recognize outstanding community preventive dentistry programs. In the past three years, under the leadership of Dr. Jarshen Lin, Project Bridge also won the First Place of Pre-doctoral Student Merit Award for Outstanding Achievement in Preventive and Community Dentistry (The American Association of Public Health's Dentistry), Excellence in Dental Education and Service Award (American Dental Education Association), and the 2nd place winner of the U.S. Department of Health and Human Services Secretary's Award.



## MMSc STUDENT RESEARCH REQUIREMENT CHANGES

In lieu of preparing a thesis proposal, MMSc students are now required to write an NIH grant proposal (scientific portion only). This proposal must be completed within 15 months of starting their program. Students will then defend these proposals in front of 2-3 faculty members selected by the Office of Research. Please note, students will have the opportunity to attend a new course, "How to write a competitive NIH grant application" that will be offered quarterly by Drs. Olsen, Howell, Douglass and Rosen. Students will also receive handouts and sample grant applications from the Office of Research.

**PLEASE STAY TUNED FOR ADDITIONAL INFORMATION!**

# GRANTS & AWARDS

(continued):

## DR. KAUMUDI JOSHIPURA

Associate Professor in Oral Health Policy and Epidemiology received a grant from NIH-NIDCR for, Mentoring and Research in Oral Epidemiology.

Dr. Joshipura's career has emphasized patient oriented research in oral epidemiology ranging from evaluation of risk factors, to mechanistic studies evaluating pathways, to clinical trials. Her ongoing funded research focuses on the relationships between oral conditions, inflammatory markers, nutrition and specific cardiovascular diseases. She has expanded this work to include additional cardiovascular endpoints and pregnancy outcomes, and is starting to work in diabetes. She plans to gain additional research skills by learning molecular and genetic epidemiology, which would substantially enhance her research career.

## HUMAN STUDIES/IRB REMINDERS:

- ✓ The HMS/HSDM Committee on Human Studies meets on the last Tuesday of every month. Please submit your applications at least 5 business days prior to the last Tuesday.
- ✓ Protocols (new and continuing review) and protocol changes take approximately 6 weeks to process, from receipt of the application through approval.
- ✓ Many applications take longer to process due to incomplete information - please be sure to answer each question on the application, and include all requested study documents, as this will streamline the process considerably.
- ✓ If you are still engaged in study-related activities (such as data collection or data analysis), you must file a Continuing Review application.
- ✓ If you are completely finished with study-related activities (including data analysis), you must file a Request for File Closure with this office as soon as possible (and before your study expires).
- ✓ Human Studies/IRB/HIPAA Questions? Please call Dawn DeCosta in the HSDM Office of Research at 617-432-1121; or Pam Greiff in the HMS/HSDM Office for Research Subject Protection at 617-432-2597.

### QUESTIONS FOR THE OFFICE OF RESEARCH?

**BJORN OLSEN**, *Dean for Research*  
REB 409; 617-432-1874; bjorn\_olsen@hms.harvard.edu

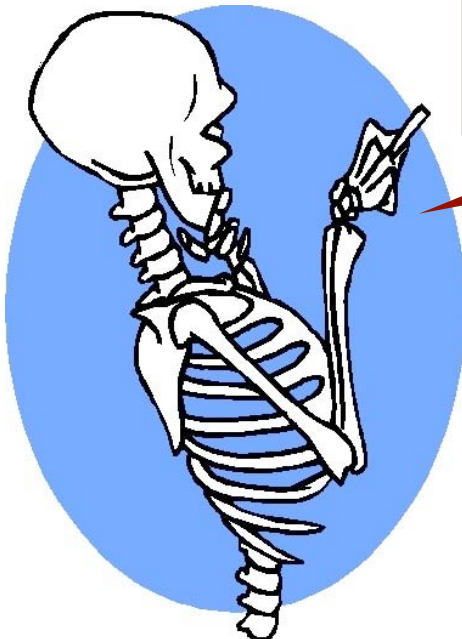
**DAWN DECOSTA**, *Assistant Director of Research*  
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**CATHERINE HAYES**, *Director of Predoctoral Research*  
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**ANNIE STUDDARD**, *Lab Aide*  
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## SAVE THE DATE:

### April 7, 2006

### Harvard Forsyth Research Symposium

### BONE & TEETH: DEVELOPMENT, GROWTH AND REPAIR