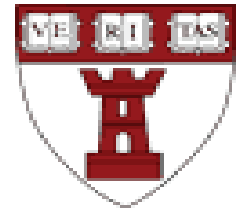


# The OMFS Newsletter



## CHIEF'S CORNER from Dr. Leonard B. Kaban



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Residency Program Director

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Meredith August, DMD, MD

Sung-Kiang Chuang, DMD, MD

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R. Bruce Donoff, DMD, MD

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Walter C. Guralnick, DMD

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Bonnie L. Padwa, DMD, MD

Maria Papadaki, DDS, MD

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Henry Stempien, DMD

Jennifer Smith-Williams, DMD

As I approach the beginning of my 17<sup>th</sup> year as Chief, it is again time for me to wish everyone in the Department, alumni and friends a happy holiday season and a healthy and successful new year. We are thankful that despite the difficult economic times, the Department had an excellent year financially as well as academically. The clinical practice continued to grow for both the resident service and the faculty. Our 2009-2010 resident group is unusual in that two of the three chief residents did not progress through the entire MGH program. They transferred from other institutions as Juniors last year. Even so, we had a terrific start in July. The incoming Chief Residents **Sal Afshar (MGH), Rizan Nashef (Hadassah Medical Center, Israel), and Alex Katsnelson (University of Illinois at Chicago)** rolled up their sleeves, worked hard and did a superb job building the new Service during the summer months. We again had a particularly busy summer and fall with elective and Emergency Ward cases and, for the 2<sup>nd</sup> year in a row, a significant increase in the trauma volume.

Welcome to the new PGY-1 residents: **Batya Goldwaser and Mariusz Wrzosek (HSDM), Ricardo Rodriguez (University of Puerto Rico) and Olena Norris (UCLA).** **Matt Lawler** is the AO/Synthes MGH Student Research Fellow for 2009-2010; **KG Hwang** from Korea will spend another year as a Fellow in the laboratory working on distraction osteogenesis and clinical research projects and **Libin Zhou** from China (Fourth Military Medical University) is working as a Research Fellow on distraction projects and, in collaboration with Jay Vacanti's tissue engineering laboratory, on cartilage tissue engineering. Welcome back from HMS and General Surgery to our three Juniors: **Brad Williams, Cory Resnick and Paul Gordon.** The residents and fellows have done a spectacular job with tremendous enthusiasm, good spirit and an excellent esprit de corps during a summer of record breaking surgical

volume.

As I usually do in the winter newsletter, I will recap some of the highlights of the Annual AAOMS Meeting which was held in Toronto, Canada this year.

**Zach Abramson**, the 2007-2008 AO/Synthes/MGH Student Research Fellow in Pediatric OMFS has a research interest in 3-dimensional imaging technology and obstructive sleep apnea. He presented 2 abstracts: 1) *Three-Dimensional Computed Tomographic Airway Analysis of Patients with Obstructive Sleep Apnea Treated by Maxillomandibular Advancement* and 2) *Novel 3-D CT Craniomaxillofacial Skeletal Landmarks for Treatment Planning and Outcomes Assessment*. Zach won the best abstract prize in his session for the 3D cephalometric analysis landmarks paper. He will be joining us as a PGY-1 beginning in July 2010. We very much look forward to having him in the residency program.

The following is the list of other abstracts and presentations by students, residents, fellows and faculty at the Toronto meeting. We had a spectacular showing and I speak for the faculty in congratulating all of the presenters. They did a terrific job.

- *Assessment of Variables Affecting Number of Days Unable to Perform Normal Daily Activities as a Measure of Quality of Life Following Third Molar Surgery* **Presenter: Daniel Bienstock (HSDM student); Faculty supervisor: Tom Dodson**

- *Maxillofacial and Axial/Appendicular Giant Cell Lesions: Unique Tumors or Variants of the Same Disease?* **Presenter: Cory Resnick, (MGH Junior); Faculty supervisor: Leonard Kaban**

- *Osteosarcoma of the Jaws: Factors Influencing Prognosis* **Presenter: Megan Granowski (HSDM student); Faculty supervisor: Meredith August**

- *Radiographic Multilocularity as a Defining Characteristic of the Keratocystic Odontogenic Tumor* **Presenter: Panasaya Charenkavanich (HSDM student); Faculty supervisor: Ed Seldin**

• *Facial Growth in Children with Complete Cleft of the Primary Palate and Intact Secondary Palate* **Presenter: Elliot Saperstein (HSDM student); Faculty supervisor: Bonnie Padwa**

• *Predictors of Velopharyngeal Incompetence in Cleft Patients Following Le Fort I Maxillary Advancement* **Presenter: Ryan McComb (HSDM student); Faculty supervisor: Bonnie Padwa**

• *Nasolabial soft tissue changes associated with Le Fort I Osteotomy* **Presenter: Sivabalan Vasudavan (Cranio-facial Orthodontic Fellow at CHB); Faculty supervisor: Bonnie Padwa**

• *OsteoMark: A Novel Surgical Navigation System for Minimally Invasive oral and Maxillofacial Surgery* **Presenter: Carl Bouchard, AO/Synthes/MGH Fellow in Pediatric OMFS; Faculty supervisor: Maria Troulis**

• *Open Reduction and Rigid Internal Fixation of Subcondylar Fractures Using Extraoral Endoscopic Access*

**Presenter: Brad Williams (MGH Junior); Faculty supervisor: Maria Troulis**

Faculty members were also on the program at the AAOMS meeting:

**Tom Dodson** was a featured speaker in the Symposium on Bisphosphonate Related Osteonecrosis of the Jaws presenting: *Risks Associated with IV Bisphosphonates*.

**Tom Flynn** presented his long-running Surgical Round Table Clinic on the management of odontogenic infections. His lectures were entitled: *Anatomy and Surgery of Oral and Maxillofacial Infections* and *Microbiology and Antibiotic Therapy of Oral and Maxillofacial Infections*. He also was a featured speaker in the Symposium on Cancer Chemotherapy and lectured on *Oral Effects of Cancer*.

We had a wonderful alumni dinner at the Jump Café & Bar in Toronto. Thirty alumni, faculty, residents and students attended. The atmosphere and food were topped only by the camaraderie and good cheer of our multi-generational group. As always, this dinner was the social highlight of the week. I look forward to seeing you all next year when the Annual AAOMS meeting will be held in Chicago.

*Congratulations to Walter C. Guralnick* on receiving two prestigious awards. He received The Arnold K. Maislen Award on June 12 at New York University “in recognition of those individuals who have made significant contributions to the art and science of oral and maxillofacial surgery.” Following the award ceremony, Dr. Guralnick gave the keynote address at the graduation of the senior residents of the Oral and Maxillofacial Service. In addition, Dr. Guralnick received the 2009 J. Murray Gavel award on October 26 at the 16<sup>th</sup> Annual Dr. J. Murray Gavel Clinical Research Lecture. This annual award honors of Dr. Murray Gavel, a stalwart of The Forsythe Institute and a former Dean of the Tufts University School of Dental Medicine. A number of our faculty witnessed the award.

On September 26, **Bruce and Maddy Donoff** received the Humanitarian Award from The Children’s Tumor Foundation of New England to benefit a cure for neurofibromatosis. Tom and Ellen Dodson, Ed Seldin and Lisa Witham, and Barbara and Lenny Kaban were in attendance, representing the Department.

In November 2009, in celebration of the 14<sup>th</sup> annual *Part-*

*ners in Excellence* Award program, the **OMFS Clinic, Insurance and Support Team** received an award in *Operational Efficiency*. The award is presented to individuals and teams for contributions “above and beyond the call of duty”.

Congratulations to **Miguel Vidal** who received the Massachusetts Dental Society’s “Ten Under 10: Highlighting Our Profession” award, recognizing new dentists and their significant contributions to their community or profession.

This past year, **Thomas Dodson** was inaugurated to the Board of Directors of the Oral and Maxillofacial Surgery Foundation (OMSF). He was appointed to the Chairman’s Circle for his fundraising activities.

On a local note, I want to remind you that **2011** will be the **200<sup>th</sup> anniversary of the MGH**. We are planning an alumni weekend to coincide with the Annual Change Party in order to celebrate the history of the MGH, the opening of a new inpatient tower, and an MGH museum. I will keep you all informed of events as the date approaches. Remember that Boston is particularly beautiful in June. Keep the date: **Friday, June 17, 2011 Change Party**—alumni invited; **Saturday, June 18 MGH Alumni Symposium and tour of MGH and Department facilities followed by Alumni Dinner**.

Finally, I want to mention that this will be the last paper publication of the OMFS Newsletter. Future editions will be delivered electronically via email and posted to our Department website. Send us an email at [oralsurgery@partners.org](mailto:oralsurgery@partners.org) to make sure we have your email address. You don’t want to miss a single issue!

I will end by again wishing you and your families a happy, healthy and successful new year and by extending an open invitation for you to visit the Department when you are in Boston. I am looking forward to the future enthusiastically as this Department continues to grow and evolve. Please bookmark our website for updates and events.

## Department Highlights

• Congratulations to **Shelly Abramowicz** on her engagement to Garrett Land!!

• Congratulations to **Seenu Susarla** on his May 2009 marriage to Harlyn Sidhu (HSDM I).

• Welcome to Maria Papadaki, former Synthes Fellow, who has returned to conduct research with the Skeletal Biology Research Center.

• **Leonard B. Kaban** was the Visiting Professor at the University of Florida College of Dentistry in June. He lectured on *Diagnosis and Management of Hemifacial Microsomia in Growing Children and Adults* and *Minimally Invasive Surgical Techniques for the Maxillofacial Region*

• **Jeffrey Shaefer** presented a SAMSO lecture on Dental Pharmacology on July 7<sup>th</sup> which was webcasted to Saudia Arabia. In August, he lectured at a Pain Grand Rounds on Myofascial Pain.

• **Thomas B. Dodson** attended the AAOMS District I Caucus meeting representing of the OMS Foundation. He also lectured at the Vermont Society of OMS’s annual meeting on Evidence-based 3<sup>rd</sup> molar management.

• **Sung-Kiang Chuang** and **Thomas B. Dodson** were the co-directors of a 2-day international CE course held at MGH in September entitled: "Evidence Based Implant Dentistry: Improving Quality and Outcomes of your Implant Practice". Attending were 29 dentists from Taiwan and Brazil.

• **Leslie Halpern** represented HSDM in Washington, DC as a voting member on the Women's Advisory Committee of ADEA. The meeting covered policy implementations with respect to expanded functions/curricula of dental healthcare providers in health care communities underserved throughout the continental US and health disparities among women dental students/faculty throughout US/Canadian Dental Schools. Issues of gender differences with respect to pay and promotions were discussed for bullet points to be sent to the National Dean's Council and Board of Trustees of the ADA.

In addition, **Dr. Halpern** gave a CE lunch/learn at Harvard Vanguard in Braintree on Treatment Strategies for ID Victims in the healthcare arena as part of Domestic Violence Awareness month.

• **Leonard B. Kaban** was one of the three organizers of the Viking Study Club meeting held October 11-13 at Niagara on the Lake, Ontario. **Thomas B. Dodson** was a featured speaker presenting an Update on Bisphosphonate Related Osteonecrosis of the Jaws.

## Residency Program

*By Maria Troulis, DDS, MSc*

I am pleased to report that we completed a five-year external review by CODA on September 29<sup>th</sup>. The program received full accreditation for five years with no recommendations! Thank you to everyone who helped make the review a success.

Our four new interns, **Batya Goldwaser, Ricky Ortiz, Mariusz Wzrosek and Olena Norris** have adjusted well to our fast-paced internship year. They are all working hard and doing a good job.

The three chiefs, **Sal Afshar, Rizan Nashef and Alex Katsnelson** are not only well-organized, caring, and hard-working, but are also wonderful teachers to the "younger ones". Thank you for being such terrific leaders and fun to work with. It is a true pleasure working with you!

Modifications to the residency program last year were successful and have been continued. These include: attending Patient-Doctor II (and doing very well), and formal chief rounds every Wednesday morning at 6:45am, headed by **Dr. Kaban**. All are invited to attend these rounds. This is followed by a formal 1 hour didactic session for all residents. During our didactic sessions we have continued the pathophysiology review course. I want to thank the lecturers for contributing. **Drs. Nalt Ferraro and Meredith August** repeated their excellent crash-course in physical diagnosis for the new interns. This year we are implementing a program to evaluate residents against specific landmark goals for each year and an intraoperative evaluation form for timely feedback on resident performance.

This year Dr. Peter Waite was our fifth **Annual OMFS Residency Program Visiting Professor**. He presented Grand Rounds on November 4 on obstructive sleep apnea. This lecture was followed by dinner with the residents. The next day, Dr. Waite was the commentator on resident case presentations at the service meeting and attended the Resident Clinic. Our Grand Rounds presentations this year have been outstanding. I want to remind everyone that Grand Rounds are open to the community and you receive CME credits for attending.

I am most pleased to be working with a fabulous faculty, outstanding resident team, and terrific auxiliary staff. This team is fulfilling our purpose to provide outstanding patient care and concurrent outstanding teaching on a daily basis.

## MGH Dental Group

*By Agnes Lau, DMD*

**Kimberly Weiss** returned to the MGH in November as an attending general dentist after seven years in New Jersey. The dental service welcomes her enthusiasm and exceptional dental provider skills.

Staff members of the MGH Division of Dentistry have been active in a number of professional activities. **Jennifer Magee** was the guest of "Charlestown Live," the neighborhood cable television show on health issues, in August, and organized the dental service's booth at the MGH's Great American Smokeout informational display in November. **Agnes Lau** was appointed to CODA's review committee on postdoctoral general dentistry education. **Jeffrey Shaefer's** study on masticatory myofascial pain with the Bensen-Henry Mind-Body Institute has just commenced. **Yana Posemeynik** lectured on oral health for the MGH Senior Healthwise Lecture series in July and to the residents of Fox Hill Village for the MGH Senior Wellness Program in December. **Leslie Will** became the Chairman of the Department of Orthodontics at BU, but still retains her appointment at MGH in order to continue treatment of patients of the craniofacial clinic.

We appreciate the effort and time donated by staff members who manned the dental booth at the Partners city-wide Health Expo at Hynes Convention Center in June—**Drs. Barry Dorfman, Carolyn Coppe, Saeed Kashefi, Alan Ko, Agnes Lau, Jennifer Magee, Nick Dello Russo, Jeffrey Shaefer, Miguel Vidal, and MaryBeth Mesrobian, RDH**. The expo was a major success with over 70,000 visitors.

**Dr. David Kim** co-authored two articles with Nevins et al, the first entitled "Human histologic evaluation of anorganic bovine bone mineral combined with recombinant human platelet-derived growth factor BB in maxillary sinus augmentation: Case series study" in the *International Journal of Periodontics and Restorative Dentistry* 2009;29:583-591, and the second entitled "The safety and efficacy of dental implants for periodontally compromised patients: a review of current knowledge" in *Dental Implantology Update* 2009;20:81-87.

**Jeffrey Shaefer** co-authored a chapter with **David Keith** on Temporomandibular Disorders in *Head, Face, and Neck Pain: Science, Evaluation, and Management* edited by Mehta and Scrivani.

and Scrivani.

We thank our general practice residents, **Debra Levin**, **Nicole Armour**, and **Seth Eichenlaub**, for a job well done while on rotation at the MGH the first half of the academic year. **Andrew Carmosino** from University of SUNY Buffalo will be the next general practice resident at MGH.

## **Center for Applied Clinical Investigation**

*By Thomas Dodson, DMD, MPH*

CACI continues to be active in investigation and mentoring patient-oriented OMS research.

**Leslie Halpern** leads the OMS charge in the area of intimate partner violence (IPV). In the July issue of JOMS, she published an article comparing diagnostic protocols that identify women at risk for IPV. The recently published monograph Intimate Partner Violence: A Health-based Perspective includes her chapter reviewing the role of maxillofacial injuries in the setting of IPV.

**Seenu Susarla**, a CACI fellow supported by the OMS Foundation Clinical Investigation Fellowship, was nominated for a Harvard Medical School Excellence in Teaching Award. He was also appointed as an ad hoc reviewer for JOMS.

Research in the management of giant cell tumors is an active, ongoing collaboration between CACI and the Department's Skeletal Biology Research Laboratory. Recently, departmental researchers joined forces with Department of Orthopedics faculty and published a comparison of maxillofacial and orthopedic giant cell tumors. The lead author was **Cory Resnick**, currently a junior OMS resident.

We are pleased at the productivity of HSDM students working with CACI, two of whom presented abstracts at the AAOMS meeting in Toronto (reported in the Chief's Corner). **Dr. Sung-Kiang Chuang** mentored **Mr. Bienstock's** research activity on the quality of life after third molar surgery and was an active contributor to **Ms. Granoski's** research on survival in osteosarcoma patients, mentored by **Dr. August**.

**Sung-Kiang Chuang** and **Thomas Dodson** contributed to a publication on the surface characteristics of implants published in *Clinical Implant Dentistry and Related Research*.

**Dr. Dodson** continues to serve on the AAOMS Taskforce on BRONJ. This fall, Dr. Dodson was co-author on the taskforce's most recent white paper update on BRONJ. He also authored an article on Risks of IV Bisphosphonates for the JOMS Supplement on IV bisphosphonate therapy and BRONJ.

The excellence of our student research is a direct result of OMSF support. We urge alumni and faculty to support the OMS Foundation by becoming an OMSF member and contributing generously to the REAP program. Make your contribution at [www.omsfoundation.org](http://www.omsfoundation.org).

For continued updates on CACI's activities and opportunities, bookmark our site at [www.caciOMS.org](http://www.caciOMS.org).

## **Alumni News**

Once again we were to delighted to hear from several of our distinguished MGH alumni. For the latest news, see the Alumni Supplement under News and Events at [www.mghOMS.org](http://www.mghOMS.org).

## ***HAVE YOU MOVED?***

***HELP US KEEP OUR DATABASE UP TO DATE!***  
*Call or e-mail us with your current address, email and phone number.*

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## **UPCOMING EVENTS!      MARK YOUR CALENDAR!**

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**MGH OMFS ANNUAL CHANGE PARTY**  
Thursday, June 17, 2010, 6:00 p.m.,  
Exchange Conference Center, Boston, MA

**AAOMS ANNUAL MEETING**  
September 27-October 2, 2010 in Chicago, Illinois

**Alumni Dinner**  
Thursday, September 30, 2010 — Location  
to be determined

**NEXT NEWSLETTER – JUNE 2010**  
*We plan to feature the graduates of 1970, 1975, 1980, 1985, 1990, 1995, 2000, 2005. Send us the latest professional or personal news and we'll publish it in the MGH OMS Alumni Supplement.*

***If you would like any further information, please contact the Department at 617-726-8222 or [oralsurgery@partners.org](mailto:oralsurgery@partners.org).***

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## **WE ARE GOING GREEN!**

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