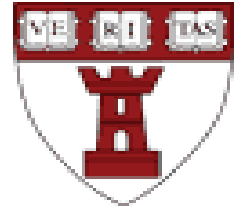




CHIEF'S CORNER

from
Dr. Leonard B. Kaban



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Jennifer Smith-Williams, DMD

As I wish you all a happy, healthy and successful holiday season, I am especially excited about the approaching new year: 2011. This is the bicentennial year for the granting of the MGH Charter by the Commonwealth of Massachusetts. It will be marked by the opening of the new, state-of-art Lunder Building with in-patient rooms, operating rooms, a new emergency ward and a variety of other services. OMS will move into the new operating rooms which are very spacious and filled with the most advanced cutting edge technology. The MGH Museum will be completed this year and an updated history of the MGH will be published. I am proud that the Department will be a part of all of these events.

The new year will be the beginning of my 18th year as Chief of OMS. I feel both humbled and privileged to have served this hospital and all of you during this exciting time. I look forward to 2011, confident that the future will be as stimulating and rewarding for all of us as the past 17 years.

This year's Chief Residents (**Paul Gordon, Cory Resnick and Brad Williams**) and Interns (**Somi Kim, Zach Abramson, James Tagoni and D'Vano Forbes**) comprise the bicentennial class and they have more than lived up to the standards of our great institution. I would like to welcome **Zach Peacock** who joined the faculty as the AO/Synthes/MGH Fellow in Pediatric OMS. Zach graduated from HSDM in 2004 and completed the UCSF OMS Program in 2010. He will be working on our miniaturized, continuous, buried distraction device program. I look forward to working with **Paul Gordon** when he becomes the 10th AO/Synthes/MGH Fellow in Pediatric OMS in July 2011.

We had a very successful AAOMS meeting in Chicago this year. The Alumni Dinner at NOMI, a beautiful restaurant overlooking the iconic Water Tower, was arranged with the help of Shelly Abramowicz, whose parents know the owner. We had an excellent turnout, a wonderful meal and the usual com-

raderie that has characterized this event over the years.

Shelly Abramowicz was honored as a recipient of an OMS Foundation FEDAA Award. This is a faculty development award that provides funding for dedicated, mentored academic and research time for talented young surgeons over a 5 year period. **Seenu Susarla**, a junior resident, received the Straumann research award and **Gentry Hansen**, an HSDM student, received the best poster award. (See Center for Applied Clinical Investigation report for details.)

The abstracts and presentations by students, residents, fellows and faculty at the Chicago meeting are listed below. I speak for the faculty in congratulating all of the presenters on a terrific job.

Poster Presentations: Most Patients with Asymptomatic, Disease-Free Third Molars Elect Extraction as their Preferred Treatment. Presenter: **Brian E. Kinard, B.S.** (HSDM, T. Dodson). BMP4 Localization and PCNA Expression During Distraction Osteogenesis of the Porcine Mandible. Presenter: **Gentry Hansen** (HSDM, M. Lawler, W. Williams, M. Troulis, L. Kaban)

Abstract Presentations: Cephalometric Measurement of Upper Airway Length Correlates with the Presence and Severity of Obstruction Sleep Apnea and Does Computed Tomographic Assessment of Inferior Alveolar Canal Cortical Integrity Predicts Nerve Exposure During Third Surgery? Presenter: **Seenu Susarla**. Jaw Tumors in Children. Presenter: **Shelly Abramowicz**. Mandibular Fracture Severity and Health Status are Associated with an Increased Risk for Postoperative Inflammatory Complication. Presenter: **Paul Gordon**. Maxillofacial and Axial/ Appendicular Giant Cell Lesions- Unique Tumors or Variants of the Same Disease: A Histologic Comparison. Presenter: **Cory Resnick**. Serial Histologic and Immunohistochemical Changes in Anterior Digastric Myocytes in Response to Distraction Osteo (continued on page 4)

Department Highlights

- Congratulations to the following:
 - Sang Kim** (Jr. Resident) and Arin Jung on the birth of their son, Brandon Kim on May 6
 - Zach Peacock** (AO/ASIF Fellow) and **Carolyn Coppe** (MGH Dental Group) on the birth of their son, Gregory Harper Peacock on September 16!
 - Shelly Abramowicz** on her October 10 wedding to Garret Land
 - David Keith** on the birth of his 2nd grandchild, Mollie Grace
 - Miguel Vidal** and Sonia Wu on the birth of their second child, son Julian Miguel Vidal on July 29
 - Ashkan Saadi** and Saghi Saadi on the birth of their first child, daughter Melody Saadi, on November 14
- A special congratulations to the MGH Dental Group for opening the Danvers facility (see MGH Dental Group)
- **David Keith** gave a presentation on “Data Driven Infection Control Intervention in a Group Practice” at the Organization for Safety, Asepsis and Prevention (OSAP) Conference in Tampa, Florida on June 12th.
- **Maria Troulis** and the MGH OMS Service were featured in a segment of the ABC News Documentary ‘*Boston Med*’ on June 24, 2010. The episode featured care of a policeman who was shot in the face while on duty. **Paul Gordon** and **Matthew Jacobsen** of the OMS service were also featured in the series.
- **Thomas Dodson** was appointed Associate Editor of the Journal of Oral and Maxillofacial Surgery effective January 1, 2011.
- **Walter Guralnick** was the guest speaker at the August 20th Grand Rounds of the OMS Service. He described the history and genesis of the MGH Harvard Oral and Maxillofacial Surgery Service.
- **Leonard B. Kaban** was an invited lecturer and section leader at the NIH International Conference on Fibrous Dysplasia/McCune Albright Syndrome and Cherubism on October 4-7, 2010. His lecture was titled *Craniofacial Fibrous Dysplasia and McCune Albright Syndrome: Natural History, Treatment Guidelines, and Outcomes*. He was also the Section Chair for the session on Craniofacial Fibrous Dysplasia and McCune Albright Syndrome. At the same meeting, **Maria Papadaki** presented a lecture titled: *Cherubism: Natural History and Treatment Guidelines* and alumnus Janice Lee presented her work on radiographic findings in fibrous dysplasia and McCune Albright Syndrome.
- **Dr. Kaban** was the AO Visiting Professor of OMS at Beth Israel/Jacobi Hospital OMS Program in October. His lecture was titled: *Management of Hemifacial Microsomia in Children: the 4th dimension*.
- **Meredith August** was a keynote speaker for an Oral and Maxillofacial Refresher Course in Istanbul, Turkey, Oct. 30— Nov. Her lectures were on the *Management of Medically Compromised Patients, Complication of Dentoalveolar Surgery, and Hard and Soft Tissue Grafting as*

it Relates to Implant Dentistry.

Jeffry Shaefer lectured at the Tufts University Dental School’s Craniofacial Pain Center on Myofascial Pain on Nov. 3rd.

Residency Program

By Maria Troulis, DDS, MSc

Happy holidays to all! Our four new interns, **Zachary Abramson, D’Vano Forbes, Somi Kim and James Tagoni** have adjusted well to our fast-paced internship year. Good-luck to D’Vano as he interviews for an OMS position!

The three chiefs are “special” to me. They were my first intern class as Program Director. **Paul Gordon, Cory Resnick and Brad Williams** are not only well-organized, caring, and hard-working, but also wonderful teachers. Thank you for being such terrific leaders and fun to work with. It is a true pleasure working with you!

There have been several additional modifications to the residents’ schedule and program: 1) Interns now attend the HMS Patient-Doctor II course; 2) There are formal chief rounds every Wednesday morning at 6:45am, headed by **Dr. Kaban**. (All are invited to attend.) This is followed by a formal didactic session. During our didactic sessions we have continued the pathophysiology review course. I want to thank the lecturers for contributing. 3) We have instituted specific goals to achieve in each year of the program and a formal intraoperative evaluation after each operation performed by the residents. **Drs. Nalt Ferraro and Merri August** continue to give a physical diagnosis course which was a terrific experience for the interns.

The resident clinic is thriving with more than 8000 visits last year. Our Administrative Director, John McGillivray was my partner in the MGPO sponsored, Capstone Project to decrease the Ward Service patient wait times in the clinic. We are beginning to institute changes based on this study to make the clinic more efficient. In the next few months, we will have prescription printers installed in each operatory to help facilitate more timely patient discharges.

Thank you to **Maria Papadaki** for being an enthusiastic and committed researcher. Maria has been offered an Academic/Attending position at the University Hospital of Heraklio, Crete in the OMS Department starting July 2011. Congratulations Maria, you make us proud.

Welcome to **Zach Peacock** who has joined the faculty as the AO/ASIF Research Fellow in Pediatric OMS. Zach, a graduate of HSDM (2004) and the UCSF OMS Program, is an independent, hard worker who is characterized by his dedication! Zach and Maria have started our second NIH-SBIR grant by testing a totally buried, remotely activated, continuous and curvilinear distractor.

Dr. Michael Block was our **sixth Annual OMS Visiting Professor**, presenting “Reconstruction of the atrophic maxilla” at Grand Rounds on Oct 20. This was followed by dinner with the residents. The next day, he was the commentator at service meeting and attended at our resident clinic.

MGH Dental Group

By Agnes Lau, DMD

The MGH Division of Dentistry opened its second clinical site at the MassGeneral/North Shore Center for Outpatient Care on September 7, 2010. The MGH Dental Group-Danvers is a ten-operatory facility equipped with the latest technology including 3-D cone beam CT. **Jennifer Magee** is the director, and **Barry Dorfman** has switched his practice location from Boston to Danvers. They are the general dentists on staff in Danvers. Dr. Magee will continue to perform dental rehabilitation cases at MGH and will also offer this service in the Danvers day surgery center. The Division has recruited **Kevin Guze**, HSDM postdoctoral periodontal instructor and translational researcher, **Sean Ostro**, a recent graduate of the University of Rochester and Strong Memorial Hospital pediatric dentistry program, and **Christine Melito**, a North Shore resident and endodontist, to provide specialty services. MGH Dental Group-Danvers hopes to fulfill the mission of providing the highest quality of care to a broad range of residents of the North Shore community, including those with special needs and complex medical conditions.

Members of the Division have been active in a number of professional activities. **Miguel Vidal** gave a lecture entitled "Optimizing Esthetic Outcomes for Trauma Patients" at the ADA Annual Session on October 9 in Orlando. **Nicholas Dello Russo** has been appointed to the editorial board of the International Journal of Periodontics and Restorative Dentistry, and completed the ADA/Forsyth Institute course on Evidence-Based Dentistry. **Jeffrey Shaefer** gave a lecture on muscle and tendon pain at the American Academy of Orofacial Pain Annual Meeting in Orlando in May, and another on myofascial pain treatment to the Tufts Craniofacial Pain Center in November. **David Kim** was a panelist at the Boston Case Presentation and Networking Event sponsored by the Mass Dental Society at Tufts in November. **Arnold Weiss** lectured at the Sixth International Dental Congress in Yerevan, Armenia, and lectured as well as supervised at the Hand-in-Hand Dental Clinics in Stepanakert, Azerbaijan in October. **Leslie Will** has been appointed the program chair for the 2012 American Association of Orthodontics Annual Session. She has been a guest speaker this year for the Saudi Orthodontic Society, the Lebanon Orthodontic Society and the University of Bauru in Brazil.

Center for Applied Clinical Investigation

By Thomas Dodson, DMD, MPH

Through its investigation and student/resident mentoring activities, CACI continues to be a prolific source of clinical and evidence-based research. Our team was well represented at the 2010 AAOMS annual meeting in Chicago. Student **Brian Kinard** presented a poster entitled "Most patients choose extraction over retention of asymptomatic, disease-free third molars." **Paul Gordon**, chief resident, presented an abstract on factors associated with inflammatory complications in mandible fractures. CACI Fellow **Seenu Susarla** presented two abstracts, one on airway dimensions in sleep apnea and one on the role of CT to assess nerve position in third molar surgery. For his

work in sleep apnea, **Dr. Susarla** also received the Straumann Resident Research Award. **Michael Markiewicz**, a CACI alumnus and OMS resident at Oregon Health Sciences University, presented two abstracts on surgical navigation.

In September, **Drs. Chuang and Dodson** hosted a 3-day international CE course entitled "Implant dentistry: An evidence-based approach." Course participants attended from Colombia, Taiwan, Mexico, and the US. Dr. Dodson also presented at an AAOMS-sponsored multidisciplinary conference on the management of asymptomatic third molars. He is currently editing a JOMS supplement on the conference proceedings.

In other news, **Dr. Dodson** was appointed Associate Editor of the *Journal of Oral and Maxillofacial Surgery*, beginning January 1, 2011. He continues to serve on the Board of Directors of the Oral and Maxillofacial Surgery Foundation (OMSF). Recently, the Board awarded over \$600,000 to support research, training fellowships, the Third Molar Clinical Trial, and the faculty and education development award (FEDA). The excellence of our student research is a direct result of OMSF support, which has underwritten our Student Research Training Award (now under principal investigator Dr. Chuang) since 1994. We urge alumni and faculty to become members of the OMS Foundation and to support the Foundation by contributing annually to the REAP program. For information, see www.omsfoundation.org.

For continued updates on CACI's activities and opportunities, bookmark our site at www.caciOMS.org.

Children's Hospital

By Bonnie Padwa, DMD, MD

The major renovation to the Children's Hospital Boston office is nearly complete. The academic offices have been moved across the bridge to the Enders Building and the Hunnewell 1 office has been transformed into a full outpatient unit including 4 exam rooms, 2 treatment rooms, laboratory, and a state of the art imaging suite with cone beam CT scan, 3D MD imaging and photography. Oral and Maxillofacial Surgery has been moved out of the Dental Department into its own space.

Chief's Corner, continued from p.1

Genesis. Presenter: **Matt Lawler**. Anterior Versus Posterior Approach to the Iliac Crest for Alveolar Cleft Bone Grafting. Presenter: **Alexander Katsnelson**.

OMS Faculty Section Educational Program:

History of OMS/How We Got to Where We Are. Introduction of the Six-Year OMS Residency Program. Presenter: **Walter Guralnick**

Pediatric Clinical Interest Group Session Lecture:

Cranio-Orbital Fractures. Presenter: **Bonnie Padwa**

Surgical Mini-Lectures and Clinics:

Anatomy and Surgery of Oral and Maxillofacial Infections and Microbiology and Antibiotic Therapy of Oral and Maxillofacial Infections. Presenter: **Thomas Flynn**

My most important message this year is to encourage all of you to **save the date for the OMS Graduation weekend and Bicentennial Celebration June 17-19, 2011**. We are planning an exciting alumni weekend and you all know how beautiful Boston is in June. The Friday evening cocktail reception will provide an opportunity to socialize and renew old friendships. It will be at the Kaban residence on Monument Square. In addition, to food, drink and good cheer, we are hoping to arrange a re-enactment by the Navy Brigade at the Monument. Saturday will be the Alumni symposium. We will try to accommodate as many abstracts as possible. Remember, please submit your 400 word (or less) abstract as soon as possible but no later than March 1, 2011 to ensure a place on the program. Saturday evening will be a graduation/alumni dinner and we will have some surprises for you. Another reminder will be emailed to you in January and the official invitations in March. For updates, please check the website: <http://www.massgeneral.org/omfs/about/bicentennial.aspx>.

I will end by again wishing you and your families a happy, healthy and successful new year and by encouraging you to visit us in June for the bicentennial celebration.

A Moment in MGH History

Dr. Leroy Miner, DMD, MD
Chief of Dental Service and Professor of Oral Surgery, 1924-43.

Dr. Miner is the only dentist in history to appear on the cover of TIME Magazine.

**UPCOMING EVENTS!****MARK YOUR CALENDAR!****MGH Alumni Bicentennial Celebration**

Friday, June 17, 2011

Cocktail Reception



Saturday, June 18, 2011

Symposium on OMS at MGH

Tour of MGH and the OMS Department

Graduation and Alumni Dinner

<http://www.massgeneral.org/omfs/about/bicentennial.aspx>

**NEXT NEWSLETTER—
Summer 2011**

We plan to feature the graduates of 1971, 1976, 1981, 1986, 1991, 1996, 2001, 2006. 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.

Visit us at www.mghOMS.org

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