Hend Alqaderi, DDS, DMSc, lecturer on Oral Health Policy and Epidemiology, received an award from the Karam Foundation for, “Oral Health for Syrian Refugees.” The goals of the project are: To describe the oral health delivery system for Syrian refugees during the fleeing period and before appealing for asylum. To evaluate the oral health status for a given sample of Syrian refugees in Lowell, MA. To recommend efficient, cost effective oral health strategies as per the information collected and the needs of the population for the future. Alqaderi is working with Anubhuti Shukla, DMD student and Janice Cho, instructor in Oral Health Policy and Epidemiology, on this study.

Roland Baron, DDS, PhD, professor and chair of Oral Medicine, Infection and Immunity, received an award from Radius Health, Inc. for “Comparison of the Osteocytic Responses to Abaloparatide versus Teriparatide: First Phase.” In this study, Baron will determine whether the differential effects of osteoporosis medications, Abaloparatide and Teriparatide, on bone resorption originate from different responses of the osteocytes to these two ligands.

Shu-Chi Allison Yeh, PhD, research fellow in the Intini Lab, Oral Medicine, Infection and Immunity, received a 2017 Outstanding Postdoctoral Fellow Award from the HMS/HSDM Office for Postdoctoral Fellows. Yeh was one of eight recipients from HSDM and HMS celebrated for their achievements. Her research uses intravital imaging to study post-natal calvarial skeletal stem cells.

Floyd Dewhirst, DDS, PhD, senior member of the staff at the Forsyth Institute and professor of Oral Medicine, Infection and Immunity at HSDM, was nominated as a Fellow in the Dentistry and Oral Health Sciences from the American Association for the Advancement of Science. Dewhirst, who has become a leading force behind characterizing the oral microbiome, and helped identify the diverse, genetic capability and pathogenic potential of organisms present in the human oral cavity. His efforts have identified approximately 700 species of phylotypes of human oral bacteria that are described in the Human Oral Microbiome Database which is hosted at the Forsyth Institute.

Zachary Peacock, DMD, MD, assistant professor of Oral and Maxillofacial Surgery and co-director of the Cleft and Craniofacial Center at Shriners Hospitals for Children and Massachusetts General Hospital, along with Yisi (Daisy) Ji, DMD 2018 candidate, received the Best Paper in Oral Surgery Award for their publication, “Cost and lack of insurance coverage are prohibitive to having dental implants after resections for benign mandibular neoplasms” from Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology. This was a retrospective cohort study of patients who underwent resection for benign mandibular neoplasms between 2005 and 2014. Demographic variables included age, sex, and race. Outcome variables include rates of implant placement, implant restoration, and reasons for not having implants. Fisher’s exact test and odds ratios were calculated. Peacock and Ji concluded that patients do not typically go on to dental reconstruction after mandibular resection, with cost as a major barrier.

Since matriculating into the DMD program at HSDM, Yisi (Daisy) Ji has produced ten publications in peer-reviewed journals.
**NEW POSTDOC AND VISITING SCHOLARS**

**Toshiki Nojiri, DDS,** joined the Nagai Lab as a visiting graduate student in the Department of Restorative Dentistry and Biomaterials Sciences. Nojiri comes from Tochigi, Japan and received his dental degree from Iwate Medical University. In the Nagai Lab, he is working on soft tissue integration around percutaneous/permucosal implants to combat infection.

**Beiyu Wang, MD,** joined the Yefu Li Lab as a visiting postgraduate research fellow in the Department of Developmental Biology. Wang comes from Chengdu, China, and received his MD from West China School of Medicine, Sichuan University, majoring in spine surgery. In the Li Lab, he will focus on the molecular investigation of biological effects of osteoarthritis and spine degeneration related factors.

**Miao Zhang, PhD,** joined the Yang Lab as a postdoctoral research fellow in the Department of Developmental Biology. Zhang comes from TianJin, China, and received her PhD degree in cell biology from NanKai University School of Medicine, Tianjin, China. In the Yang Lab, she will focus on investigating Wnt5a regulated planar cell polarity (PCP) signaling.

**HSDM COLLABORATION WITH IWATE MEDICAL UNIVERSITY**

**Shigemi Nagai, DDS, PhD,** associate professor of Restorative Dentistry and Biomaterials Sciences, and director of clinical research at HSDM, has entered into a six-year memorandum of understanding with Iwate Medical University, in Japan.

Nagai along with colleagues, John Da Silva, DMD, MPH, vice dean and associate professor of Restorative Dentistry and Biomaterials Sciences, and David Kim, DDS, DMSc, associate professor of Oral Medicine, Infection and Immunity, work with Iwate Medical University on developing collaborations for mutual academic benefit and scholarship. Nagai has developed a robust externship program with thirty students rotating through each university. Furthermore, collaborations with Iwate Medical University have produced successful research projects including the following publications:


Photographed are Shigemi Nagai, DDS, PhD, John Da Silva, DMD, MPH, David Kim, DDS, DMSc, and students from HSDM and Iwate Medical University.
HSDM PUBLICATIONS

**Developmental Biology**


**Oral Medicine, Infection and Immunity**


**Oral Health Policy and Epidemiology**


Simon L. Mr. Thomas does not have cancer. *Family Medicine* 2017;49(8):644-645.


Wright A, Ai A, Ash J, Wiesen J, Hickman T, Aaron S, McEvoy D, Borkowsky S, Dis reception of Prx1 expressing cells in calvarial bone regeneration and osteosarcoma”

*Giuseppe Intini, DDS, PhD*
*Assistant Professor of Oral Medicine, Infection and Immunity, HSDM*

**JANUARY 12, 2018**

12-1pm, REB 109 @ HSDM

“Inside out: The enamel-microbiome interface”

*Megan Pugach-Gordon, PhD*
*Assistant Member of the Staff, Forsyth*
*Instructor in Developmental Biology, HSDM*

Multi-Departmental


