Yingzi Yang, PhD, Receives NIH-NIAMS R01 Award

Yingzi Yang, PhD, professor of developmental biology at HSDM, received funding from NIH-NIAMS for her R01 project, “Molecular Mechanism of Wnt/Planar Polarity Signaling.” For this project, the Yang Lab seeks to understand novel signaling mechanisms in a fundamentally important Wnt-regulated planar cell polarity pathway. This poorly understood pathway provides directional information that guides vertebrate morphogenesis including long bone elongation. The proposed studies are essential to gain mechanistic insights into and develop therapeutic strategies for devastating diseases such as brachydactyly type B1, Robinow syndrome, scoliosis, spinal bifida and epilepsy, which are caused by human mutations in this pathway.

Important Dates

April 19, 2017 @ 9AM-3PM
STUDENT RESEARCH DAY
DMD, MMSc, DMSc, PhD and Postdoc research poster presentations.

April 19, 2017 @ 3PM
ANNUAL LECTURE IN BEHAVIOR MEDICINE & DENTISTRY
Professor Donald Giddon presenting, Revolution Redux, 150 Years After Beginning The First University Dental School

April 20, 2017 @ 9AM-3PM
CELEBRATING 150 YEARS OF SCIENCE AT HSDM
Research presentations by Drs. Agnes Berendsen, Francesca Gori, Giuseppe Intini, Andreia Ionescu, Shigemi Nagai, Gili Naveh, and Sook-Bin Woo.

Brian Swann, DDS, MPH, Receives Massachusetts Dental Society Award

Brian Swann, DDS, MPH, instructor in oral health policy and epidemiology at HSDM, received funding from the Massachusetts Dental Society Foundation for, “Expanding Access to Dental Care.” For this project, Swann is collaborating with the Wampanoag Health Outreach Program and the Wampanoag Tribe on Martha’s Vineyard. The aim is to improve the overall health of the people of the Tribe through addressing the social determinants that influence healthcare access, quality, and cost. Swann will develop an innovative and sustainable health promotion program that is culturally sensitive, focussed on a common risk factor approach, and that incorporates Native American principles.
HSDM Student Awards and Recognition

Joseph DePalo, (DMD Class of 2017), received the 2017 ADEA/GlaxoSmithKline Consumer Healthcare Preventive Scholarship for academic excellence in preventive dentistry.

Jose Castillo, DDS, MA, (MMSc candidate in Orthodontics), received the Colgate-Palmolive Hispanic Dental Association Foundation Scholarship in 2016. Castillo was selected as a finalist for the 2017 Journal of Clinical Orthodontics Gottlieb student of the year award.


Jennifer Chen, DDS, (DMSc candidate in Periodontology), received an HSDM Presidential Scholarship. Chen is working with Dr. Masazumi Nagai on implant-related research, focusing on surface modification to promote soft tissue and bone tissue healing.

Francis Yang, DDS, PhD, (DMSc candidate in Periodontology), received an HSDM Presidential Scholarship. Yang received his DDS and PhD degrees from UCSF. Her research interests involve drug discovery, and material fabrication for biofilm detection and treatment.

New Research Personnel

Chenlu Liu, DMD, PhD, has recently joined the Li Lab as a postdoctoral fellow in the Department of Developmental Biology. Liu comes from Chendgu, China and received her DMD/PhD from West China School of Stomatology, Sichuan University, majoring in orthodontics. In the Li Lab, she will be focusing on the molecular investigation of biological effects of osteoarthritis related factors.

Changqian Zhou, PhD, is from Suzhou City, China. In 2016, he received his PhD degree in cell biology from Nankai University, where he worked on the study of mitochondria and mitochondrial autophagy. His project was about the molecular mechanism of autophagy process, especially the regulatory mechanism of ATG9 vesicle trafficking under starvation stress in mammalian cells. In the Whitman Lab, Zhou is a postdoctoral fellow in the Department of Developmental Biology, working on amino acid response pathway.

Jiewen Dai, DDS, PhD, is a visiting postdoctoral fellow in the Department of Developmental Biology at HSDM. He received his PhD in craniofacial development from Shanghai JiaoTong University. In the Yang Lab, Dai is working on the molecular function of dental pulp nerve and craniofacial bone development.

Marina Feigenson, PhD, is a postdoctoral fellow in the Department of Developmental Biology at HSDM and is working in the Rosen Lab. In the Nov-Dec 2016 Bulletin, she was incorrectly listed as a visiting scholar.
HSDM Publications

DEVELOPMENTAL BIOLOGY


ORAL HEALTH POLICY AND EPIDEMIOLOGY


ORAL MEDICINE, INFECTION AND IMMUNITY


Freire M, Dalli J, Serhan C, Van Dyke T. Neutrophil resolin E1 receptor expression and function in type 2 diabetes. Immunology 2016; Dec 19.


**ORAL AND MAXILLOFACIAL SURGERY**


**RESTORATIVE DENTISTRY AND BIOMATERIALS SCIENCES**


