JOHN DA SILVA, DMD, MPH, ScM, RECEIVES DENTAQUEST AWARD

Dr. John D. Da Silva, vice dean of HSDM, medical director of the Harvard Dental Center, and associate professor of Restorative Dentistry and Biomaterials Sciences, received an award from DentaQuest for, “Testing a New Payment Model for Medical-Dental Integration.”

The intent of this project is to demonstrate the financial sustainability of an innovative, person-centered care model, the Nurse Practitioner-Dentist Model for Primary Care (NPD Model), at the Harvard Dental Center’s Teaching Practices. The goal is a replicable, scalable, and sustainable payment model to support the integration of primary medical care and preventive services within a dental practice. The team will develop and test processes and systems for medical coding, billing, claims submission and reimbursement. This project is aligned with an Oral Health 2020 goal of integrating oral health into person-centered healthcare. It is expected that results will advance medical-dental integration, precipitate innovative, person-centered care models, and positively influence the public perception of the value of the dental office as a gateway to comprehensive health care.

Jane Barrow, MS, associate dean for Global and Community Health and lecturer in the department of Oral Health Policy and Epidemiology at HSDM, will serve as strategic advisor; Leonard Brennan, DMD, lecturer in the department of Oral Health Policy and Epidemiology at HSDM, will serve as coordinator for the NPD Model; and, Maria C. Dolce, PhD, RN, CNE, associate professor will serve as the co-principal investigator. The National Advisory Group includes: Dr. Sung Eun Choi, instructor in the Department of Oral Health Policy and Epidemiology at HSDM; Dr. Richard Duferrena, Chief Dental Officer, United Concordia Companies; Dr. Judith Haber, professor, New York University Rory Meyers College of Nursing; Dr. Robert Lewando, Executive Dental Director, Blue Cross Blue Shield of Massachusetts; Mr. Edward A. Murphy, Executive Vice President, Life & Specialty Ventures, LLC; Dr. M. Ted Wong, Chief Dental Officer, UnitedHealthcare; and, Dr. Kenneth R. Wright, Vice President, Dental Care Services, Kaiser Foundation Health Plan of the Northwest.

SAVE THE DATE – DECEMBER 10, 2019

• 1-4PM SYMPOSIUM • 4-6PM RECEPTION • HSDM

ORAL AND CRANIOPHACIAL REGENERATIVE BIOLOGY AND MEDICINE SYMPOSIUM

HONORING DEAN BRUCE DONOFF

PRESENTATIONS BY: BRUCE PASTER, MARIA TROULIS, RICHARD MAAS, DAVID MOONEY AND BJORN R. OLSEN

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Shuang (Arthur) Liang, MD, joined the Baron-Gori Lab for two years as a visiting graduate student in the department of Oral Medicine, Infection and Immunity. Liang received his MD from Tongji Medical College of Huazhong University of Science and Technology where he is a PhD candidate in orthopedic surgery. At HSDM, Liang will work on the skeletal effects and mechanisms of action of R-spondin-3 conditional deletion in osteoblasts. This work will elucidate, through cell specific deletion, the biological significance of R-spondin-3 in postnatal bone homeostasis.

Jun Zhou, DDS, PhD, joined the Baron-Gori Lab for two years as a visiting graduate student in the department of Oral Medicine, Infection and Immunity. Zhou has a DDS degree from Tianjin Medical University, Tianjin, China, and completed a PhD in Dentistry in March 2019 from Showa University, Japan. Zhou has a position as postdoctoral fellow at Showa University and is coming to HSDM to further develop her research skills in the area of cell and molecular biology.

Alann Thaffarell Portilho de Souza, DDS, joined the Baron-Gori Lab for one year as a visiting graduate student in the department of Oral Medicine, Infection and Immunity. Portilho de Souza received a DDS degree from the Federal University of Para, School of Dentistry in Brazil. He is currently a PhD candidate in oral and maxillofacial surgery at the University of Sao Paolo, Brazil. At HSDM, he will work on elucidating the role of mono-allelic mutations found in a small human cohort of patients who suffered atypical femoral fractures.

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RESTORATIVE DENTISTRY AND BIOMATERIALS SCIENCES


ORAL AND MAXILLOFACIAL SURGERY


ORAL HEALTH POLICY AND EPIDEMIOLOGY

Chandrupatla S, Khalid I, Tavares M. Oral HPV prevalence and HPV vaccination among special needs population in the US. *Papillomavirus Research* 2019; Aug 29.


Goodell K, Ticku S, Fazio S, Riedy C. Entrustable professional activities in oral health for primary care providers based on a scoping review. *Dental Education* 2019; Sep 9.


MULTI-DEPARTMENTAL


NEW RESEARCHERS

Shu Zhuo, PhD, joined the Yang Lab as a postdoctoral fellow in the department of Developmental Biology. Zhuo earned a PhD in biochemistry and molecular biology from Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, China. His graduate work focused on liver glucose and lipid metabolism. In the Yang Lab, Zhuo is working on the role of Hippo signaling pathway in liver cancer.

Yi Fan, DMD, PhD, joined the Yang Lab as a postdoctoral fellow in the department of Developmental Biology. Fan received her DMD and PhD from West China School of Stomatology, Sichuan University, China. Fan’s PhD work focused on the regulation of parathyroid hormone on bone marrow mesenchymal cell fate and mineral ion homeostasis. In the Yang Lab, she will investigate the molecular and cellular mechanisms of Hippo signaling pathways in mediating mechanotransduction in skeleton.

SAVE THE DATES

SCIENCE SPEAKER SERIES
11:00 a.m. – 12:00 p.m. in the REB Auditorium

- November 14, 2019    Dr. Terrence Capellini (Harvard)
- December 12, 2019    Dr. Jie Song (UMass)
- January 16, 2020     Dr. Eileen Shore (Penn)
- February 13, 2020    Dr. Henry Kronenberg (Harvard)
- March 12, 2020       Dr. Matthew Greenblatt (Cornell)
- April 16, 2020       Dr. Tamara Alliston (UCSF)
- May 14, 2020         Dr. Catherine McCusker (UMass)

SCIENCE SPEAKER SERIES
NOVEMBER 14, 2019 • 11AM-12PM
HSDM REB AUDITORIUM • 190 LONGWOOD AVENUE
TERRENCE D. CAPELLINI, PHD

Richard B. Wolfe Associate Professor, Department of Human Evolutionary Biology, Harvard University

"Regulatory selection and constraint during human knee evolution drive modern osteoarthritis risk"