

James B. Edwards College of Dental Medicine

12th ANNUAL SCHOLARS DAY



Distinguished Guest Speaker

Rena N. D'Souza, DDS, MS, PhD

Director - National Institute of Dental and Craniofacial Research

Emerging Science and Promising Technologies to Advance Oral Health



Keynote Speaker

Paulo G. Coelho, DDS, PhD, MBA

Professor of Biomaterials, Plastic Surgery, and Mechanical and Aerospace Engineering at NYU

Personalized Biomaterials for Oral-Craniofacial Applications

Date: Fri, February 18, 2022

Time: 12:15 p.m. – 2:15 p.m.

Hours of CE: 2
(1 Hour Each)

Location: DD110 & [Teams](#)

Educational Method: Lecture

Cost: Free

Learning Objectives:

Dr. D'Souza:

- Describe how NIDCR is organized and name at least 6 domains of dental, oral and craniofacial research that are supported by the institute.
- Know the new tools, technologies and therapies created during the COVID-19 pandemic and how such advances can be applied to oral health research.
- Name the three driving directions for NIDCR's 2021-2026 strategic plan. Evaluate how your individual research interest fits into one of the 5 strategic priorities.
- Assess how the report *Oral Health in America: Advances and Challenges* will help guide changes in the missions of dental schools.

Dr. Coelho:

- Basic understanding of 3D printing technology for bone regeneration.
- How 3D printing can be used for the regeneration of large craniofacial and long bones.
- Advantages and disadvantages of bone augmentation factors.
- Guidelines for adult and pediatric craniofacial regeneration.

Speaker Conflict of Interest Disclosure: None

Scholars Day Website: <https://musc.co/scholarsday>

Questions? Contact Dr. Joe Vuthiganon – vuthigan@musc.edu

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