



2025 AADOCR Meeting Within a Meeting: Research Innovation and Entrepreneurship

The 2025 AADOCR/CADR Annual Meeting continuation of the Meeting Within a Meeting initiative has the objective of introducing attendees with the fundamentals of dental innovation and entrepreneurial management to increase understanding of the requirements and challenges in this area. These sessions provide opportunities for attendees to consider how entrepreneurship and innovation processes may impact their future research careers and how SBIR and STTR grant funding opportunities offer small business entrepreneurs a chance to obtain non-dilutive funding for early-stage research and development.

The key learning objectives are to increase understanding of the concept and relationship of innovation to entrepreneurial development. The Meeting Within a Meeting is open to all AADOCR/CADR Annual Meeting attendees who have an interest in understanding dental innovation and innovation management. All attendees will be able to understand the challenges, prospects, issues, concerns, opportunities, legal and procedural issues of innovation and managing innovations.

Day 1: Collaborate, Communicate, and Create: The 3 Cs of an Innovation Culture

Wednesday, March 12, 2025
10:30 a.m. – 12 p.m. ET

The first session will focus on creating connections to communicate your challenge and innovation for others to understand, buy in, and co-create with you; gain motivation through innovation by addressing emerging problems and opportunities with applied creativity and collaboration; and ways to bring together a culture of openness, collaboration, and diverse thinking for inclusive innovation.

Chair(s):

- **Effie Ioannidou**, AADOCR President and Chair of Orofacial Sciences, University of California San Francisco School of Dentistry
- **Hyun (Michel) Koo**, Center for Innovation & Precision Dentistry, Penn Dental, Philadelphia, PA

Speakers:

1. *Osteoarthritis: On the Road From Mechanisms to Treatment*
Mildred C. Embree, Columbia University College of Dental Medicine and Co-founder, WNT Scientific LLC, New York, NY
2. *A Novel Remedy for Periodontal Bone Loss*
Deepak Saxena, New York University Dentistry and Co-Founder, Periomics Care LLC

3. *It Takes Nerve: Rescuing Salivary Glands Through Neuromimetics*
Sarah Knox, University of California-San Francisco
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Day 2: Leading Innovation: Mindset, Skills, Action for New Growth and Entrepreneurship in Dental Research

Thursday, March 13, 2025
8 a.m. – 9:30 a.m. ET

The second session will focus on learning from small business companies, faculty leaders, and executives about innovation and design thinking processes; supporting students, faculty, and researchers in encouraging creativity and out-of-the-box thinking, promoting scalable solutions to meaningful dental problems; initiatives to launch successful startups and commercialize technology with tips on developing a business plan; utilizing AI to enhance market research, operational efficiency, and public engagement; and financial literacy related to NIH-NSF small business grants and Venture Fund.

Chairs:

- **Deepak Saxena**, New York University Dentistry and Co-Founder, Periomics Care LLC
- **Jeremy Krell**, Revere Partners, New York, NY

Speakers:

1. *AI Technologies and Categories in Dentistry*
Jeremy Krell, Revere Partners, New York, NY
2. *Saliva for the Detection of Respiratory Pathogens: Innovation through Simplification*
Anne Wyllie, Yale University, New Haven, CT
3. *Transforming Oral and Craniofacial Health Innovations with Engineering Solutions OR Dentistry and Engineering Unite to Transform Oral Health Innovations*
Hyun (Michel) Koo, Center for Innovation & Precision Dentistry, Penn Dental, Philadelphia, Pa

Day 3: Regulatory Challenges and Compliance in Dental Innovation

Friday, March 14, 2025
8 a.m. – 9:30 a.m. ET

The third session will focus on the code of federal regulations, medical/dental device safety and innovation and requirements for an Investigational New Drug (IND) application; initial drug development plans, and regulatory requirements for demonstrating safety and efficacy.

Chairs:

- **Deepak Saxena**, New York University Dentistry and Co-Founder, Periomics Care LLC

- **Orlando Lopez**, SBIR/STTR Director, NIDCR, Bethesda, MD

Speakers:

1. *Regulatory Considerations in Dental Research: Challenges and Opportunities*
Yiming Li, FDA Dental Panel
 2. *Overcoming Regulatory Hurdles in Dental Innovation: Balancing Safety, Efficacy, and Market Readiness*
Orlando Lopez, SBIR/STTR Director, NIDCR, Bethesda, MD
 3. *Navigating the Regulatory Maze: The Journey from Ideation and Innovation to Market in the World of Artificial Intelligence*
Terri Dolan, Chief Dental Officer, Overjet, Boston, MA; Professor and Dean Emeritus, University of Florida, College of Dentistry
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