

# Past, Present & Future of Cariology

April 19, 2024 7:45am - 4:30pm at the University Advancement Auditorium

## Keynote Address

### Oral Health for All: Realizing the Promise of Science

Rena D'Souza, DDS, MS, PhD  
Director, National Institute of Dental and Craniofacial Research



Moderated by Ronald Billings, DDS, MSD  
Director Emeritus, EIOH, University of Rochester



### Welcome

Eli Eliav, DMD, MSc, PhD  
Professor and Director, Eastman Institute for Oral Health; Vice Dean for Oral Health, School of Medicine and Dentistry, University of Rochester



### Microbial Pathways that Modulate the pH of the Oral Biofilm, and their Role in Dental Caries, Oral and Systemic Health

Evangelia Morou-Bermudez, DDS, MS, PhD  
Professor, Oral Biology, School of Dental Medicine, University of Puerto Rico Medical Sciences Campus

### Learn about Establishing a Dental Home Through Teledentistry

Sean McLaren, DDS, MBA  
Associate Professor, Chief Quality, Compliance and Safety Officer and Medical Director, EIOH, University of Rochester



### A Multifaceted Approach is Needed to Reduce ECC Burden and Oral Health Inequality

Dorota Kopycka-Kedzierawski, DDS, MPH  
Professor, Clinical and Translational Research Core, EIOH, University of Rochester

### Use a Multimodal Perinatal Approach to Prevent Early Childhood Caries

Jin Xiao, DDS, PhD  
Associate Professor, EIOH



### Of Webs and Pies: Towards a More Meaningful Epidemiology

Edwin Van Wijngaarden, PhD  
Professor, Associate Chair, Department of Public Health Sciences, University of Rochester

### Social Determinants of Early Childhood Caries

Thomas O'Connor, PhD  
Wynne Distinguished Professor, Department of Psychiatry, University of Rochester



### Moving Dentistry Towards Evidence-Based Caries Management

Margherita Fontana, DDS, PhD  
Clifford Nelson Endowed Professor, Director, Global Initiatives Program in Oral and Craniofacial Health, University of Michigan School of Dentistry

### Deciphering the Genomics of Dental Caries

Mary Marazita, PhD, FACMG  
Distinguished Professor, Vice Chair, Department of Oral and Craniofacial Sciences, University of Pittsburgh School of Dental Medicine



### Learning Objectives:

1. Learn about a multifaceted approach to reduce burden of Early Childhood Caries
2. Be familiar with the evidence-based management of dental caries
3. Learn about genetics of dental caries
4. Be familiar with social determinants of dental caries

### Education Objectives:

1. Learn about establishment of a dental home through the use of Teledentistry
2. Be familiar with microbial pathways
3. Learn about the ECC burden and oral health inequality
4. Identify social determinants of Early Childhood Caries
5. Be familiar with the multimodal perinatal approach to prevent Early Childhood Caries

To register please visit this website or scan the QR code:

<https://cvent.me/3OdQeP>



University Advancement, 300 East River Road,  
Rochester NY 14627

University of Rochester, Eastman Institute for Oral Health, designates this activity for 6 continuing education credits.

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