



Webcasts and Slides from the 2025 FaceBase Community Forum

Information Sciences Institute, Marina del Rey, CA

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PUBLIC EDITION

Tuesday, June 3 and Wednesday, June 4

Presentations (in order of appearance)	Materials
Introduction Yang Chai, D.D.S., Ph.D. (USC)	Slides Webcast
FACEBASE: Empowering Data-Driven Research to Achieve Oral Health for All Jennifer Webster-Cyriaque, D.D.S., Ph.D., Acting Director, National Institute of Dental and Craniofacial Research (NIDCR/NIH)	Slides Webcast
An Introduction to FaceBase's Newest Partner: NIDCD... and the Temporal Bone Debara L. Tucci, M.D., M.S., M.B.A., National Institute on Deafness and Other Communication Disorders (NIDCD/NIH)	Slides Webcast
FaceBase PI Community Forum Susan Gregurick, Ph.D., Associate Director for Data Science and Director of the Office of Data Science Strategy (ODSS/NIH)	Webcast
FaceBase 4 Roadmap Carl Kesselman, Ph.D. (USC) and Rob Schuler, Ph.D. (USC)	Slides Webcast
The Need for High Quality Data for Data Reuse and Machine Learning Helen M. Berman, Ph.D. (USC, co-founder of the Protein Data Bank (PDB))	Slides Webcast
Long Range Gene Regulation of the Developing Human Face Justin Cotney, Ph.D. (Children's Hospital of Philadelphia)	Slides

Beaks, Bones, and Beyond: Using Avian Models to Study Normal and Abnormal Development Samantha Brugmann, Ph.D. (Cincinnati Children's Hospital)	Slides
Panel: Incorporating Relevant Clinical Elements (EMR/EDR, etc.) into FaceBase	Webcast
- From panel: Bridging Repositories and Clinical Decision-Making Anette Vistoso Monreal D.D.S., M.S. (University of Southern California)	Slides
- From panel: myTMJ - A Digital Solution for Orofacial Pain Mohammad Khalifeh D.D.S., M.S. (University of Southern California)	Slides
Approaches to Integration of Clinical Data into FaceBase: Highlighting work from BACPAC Using Multimodal Data Modeling for Chronic Low Back Pain and Dataset Aggregation and Harmonization Thomas Peterson, Ph.D. (UCSF)	Slides Webcast
The Role of Artificial Intelligence in TMD and Orofacial Pain Diagnosis Glenn Clark, D.D.S., M.S. and Anette Vistoso Monreal, D.D.S., M.S (USC)	Slides Webcast
The Potential for Dynamic MRI to Study TMD and Other Craniofacial and Oral Conditions Krishna S. Nayak, Ph.D. (USC)	Slides Video Demo
Vision for Data Science: Advancing Craniofacial Research Through Integration, Accessibility, and Innovation Axel Visel, Ph.D. (Lawrence Berkeley National Lab)	Slides Webcast
How FaceBase Data Helped Develop Designs for Pediatric Respirators Christopher Nemeth, Ph.D. (Applied Research Associates, Inc) and Benedikt Hallgrímsson, Ph.D. (University of Calgary)	Slides Webcast
Panel: Leveraging FaceBase in Related Health Domains Carl Kesselman, Ph.D. (USC, FaceBase, chair), Yang Chai, D.D.S., Ph.D. (USC, FaceBase), Benjamin Yixing Xu, M.D., Ph.D. (USC), Jennifer Kalish, MD, PhD (Children's Hospital of Philadelphia) and Axel Visel, Ph.D. (Lawrence Berkeley National Lab)	Webcast