



**Society for Craniofacial Genetics & Developmental Biology
46th Annual Meeting**

October 10th-12th, 2023

Cincinnati Children's Hospital Medical Center
Cincinnati, Ohio

Tuesday, October 10th, 2023

Cincinnati Art Museum

953 Eden Park Dr
Cincinnati, OH 45202
Great Hall & Fath Auditorium

Welcome (5:00 – 5:10 PM)

*Amy Merrill, PhD University of Southern California
President, Society for Craniofacial Genetics and Developmental Biology*

Awards Session (5:10 – 6:40 PM)

Session Chair: Dr. Amy Merrill, University of Southern California

5:10 – 6:00 PM **David Bixler Excellence in Craniofacial Research Award**
Sally Moody, George Washington University

6:00 – 6:50 PM **Marylou Buyse Excellence in Craniofacial Research Award**
Justin Cotney, University of Connecticut Health Center

6:50 – 7:10 PM **Introduction of New NIDCR Program Officer**
Zubaida Saifudeen, PhD (Program Director of the Developmental Biology and Genetics Program, NIDCR).

Reception (7:10-9:00)

Hors d'oeuvres and drinks will be served.

Wednesday, October 11th, 2023

Sabin Auditorium,
Cincinnati Children's Hospital Medical Center

Location D
3333 Burnet Ave,
Albert Sabin Way,
Cincinnati, OH 45229
Check in (8:00 – 8:30 AM)

Workshops (8:35 – 10:25 AM)

8:35 – 9:30 AM **Spatial Transcriptomics Workshop**
Matthew Warman, MD Harvard Medical School

9:30 – 10:25 AM **Scientific Communication**
Jason Organ, PhD Indiana University School of Medicine
Communicating with Public Audiences Requires Different Approaches

Coffee Break (10:25 – 10:45 AM)

Signaling in Craniofacial Development (10:45 – 12:00 PM)

Session Chair:

10:45 – 11:15 AM **Plenary talk:** Lisa Taneyhill, PhD
Building the trigeminal ganglion: A tale of two precursors

11:15 – 11:30 AM short talk 1

11:30 – 11:45 PM short talk 2

11:45 – 12:00 PM short talk 3

Lunch (12:00 – 1:15 PM) *Boxed lunch provided.*

Genomics of Craniofacial Development (1:15 – 2:30 PM)

Session Chair:

1:15 – 1:45 PM **Plenary talk:** Robert Cornell, PhD
An approach to the missing heritability of orofacial cleft: Transcriptional regulatory network models trained on single-cell multiome data reveal key regulators of periderm integrity.

1:45 – 2:00 PM short talk 1

2:00 – 2:15 PM short talk 2

2:15 – 2:30 PM short talk 3

SCGDB Business meeting (2:30 – 3:00 PM)

2:30 – 2:40 PM President's Comments (Amy Merrill, PhD)

2:40 – 2:45 PM Treasurer's report (Juhee Jeong, PhD)

2:45 – 2:55 PM Election for Secretary (host TBD)

Break (3:00 - 3:30 PM)

Human Genetics of Craniofacial Development (3:30 – 4:45 PM)

Session Chair:

3:30 – 4:00 PM **Plenary talk:** Timothy Cox, PhD

Facing reality: the challenges of elucidating the genetics of common craniofacial anomalies

4:00 – 4:15 PM short talk 1

4:15 – 4:30 PM short talk 2

4:30 – 4:45 PM short talk 3

Break and poster setup (4:45 – 5:30 PM)

Poster Session and Reception (5:30 – 7:30 PM)

Light refreshments will be served.

Thursday, October 12th, 2023

Translational and Regenerative Approaches in Craniofacial Biology (8:30 AM – 9:45 AM)

Session Chair:

8:30 – 9:00 AM **Plenary talk:** Mildred Embree, DMD, PhD, MS

The lower jaw joint as a model for defining cartilage niche and chondrocyte identity

9:00 – 9:15 AM short talk 1

9:15 – 9:30 AM short talk 2

9:30 – 9:45 AM short talk 3

Coffee Break (9:45 – 10:00 AM)

Special Session: Clinical Management of Craniofacial Differences (10:00 AM – 11:30 AM)

Session Chair:

10:00 – 10:30 AM Russell Reid, MD, PhD (University of Chicago)

A-Head of the Game: The Need for Craniofacial Research from A Surgeon's Perspective

10:30 – 11:00 AM Howard Saal, MD, FACMG (CCHMC)

11:00 – 11:15 AM Brittany Underwood, Cincinnati, OH
Connecting Face to Face

11:15 – 11:30 AM Carolina Sommer, Born a Hero, Seattle, WA
It began when my daughter was BORN A HERO

Awards and closing remarks (11:30 AM – 12:00 PM)
Dr. Amy Merrill-Brugger, University of Southern California

Adjourn - 12:00 PM