



AAO Council on Scientific Affairs

August 2024

Marilia Yatabe DDS, MS, PhD

COUNCIL ON SCIENTIFIC AFFAIRS REPORT

During Annual Session, COSA members judged 28 William R. Proffit Resident Scholar Award presentations and 31 Table Clinic presentations.

COSA members moderated 16 Oral Research presentations and the Hellman, Sicher, Graber lectures.

There were 246 E-Posters available for viewing during Annual Session.

The 2024 William R. Proffit Resident Scholar Award winners are:



From left to right bottom row:
COSA chair Jose Bosio; **Mary Cruz Contreras Salas; Flavia Gomes Velasque Gama; Emelia Karkazis; Seung Ah Jung; Emily Leach; Mohamed Adel**

Basic Science Research

First place: **Flavia Gomes Velasque Gama - University of Connecticut**

Research title: The Effects of FGF18 in a Mouse Model for TMJ Fibrocartilage Degradation

Second place: **Emelia Karkazis - University of Illinois-Chicago**

Research title: Bone Characterization in a Novel Dicer-Deficiency Osteocyte Transgenic Mouse Model

Third place: **Mary Cruz Contreras Salas - University of Pennsylvania**

Research title: Age-Dependent Osteogenic Potentials of Mesenchymal Stem Cells During the Maxillary Expansion

Clinical Research

First place: **Mohamed Adel - University of Kentucky**

Research title: Precision Assessment of Facial Asymmetry Using 3D Facial Imaging and Artificial Intelligence

Second place: **Emily Leach - University of Nebraska**

Research title: Disposal of Orthodontic Clear Aligners: Out of Sight out of Mind?

Third place: **Seung Ah Jung - University of the Pacific**

Research title: Nasal Cavity Changes in Growing Patients Treated with MARPE: 3D Superimposition Study



Judges for the 2024 William R. Proffit Resident Scholar Award from left to right

Bottom row: Eser Tufekci, Marilia Yatabe

Middle row: Burcu Bayirli, Sumit Yadav, Michael Duryea

Back row: Jose Bosio, Kelton Stewart, Thikriat Al-Jewair, Jeff Nickel, Helder Jacob

The 2024 Joseph E. Johnson Clinical Award for Table Clinics winners are:



From left to right:
Christine Bode, Francesca Gazzani, Kenya Montes de Oca Suarez

First place: Francesca Gazzani – Unicamillus, International Medical University of Rome

Research title: Effects of Maxillary Protraction Protocol with or without Bite Block on the Vertical Dimensions in Class III Subjects

Second place: Christine Bode - University of North Carolina – Chapel Hill

Research title: Evaluating Impacts of Orthognathic Surgery on Speech in Class III Dentofacial Disharmony

Third place: Kenya Montes de Oca Suarez – National University of Mexico

Research title: Autotransplantation of Transmigrated Canine: Case Report

The 2024 Hellman, Sicher, Graber award winners received their award plaques prior to their lectures at Annual Session:



From left to right:
COISA chair Jose Bosio, Graber award winner **Erin Yoshida**, Graber award winner **Brittany Trinh**,
Hellman award winner **Elizabeth Soulas**, Graber award winner **Erika Babikow**, Graber award
winner **Katherine Chapman**, Sicher award winner **Sheng Wang**

Future Applications

2025 Milo Hellman Research Award, the **Harry Sicher Research Award** and the **Thomas M. Graber Awards of Special Merit**.

Applications for these awards can be found on the 2025 Annual Session website - <https://www2.aaoinfo.org/annual-session-2025/>.

Only the online application will be accepted.

The application deadline is 6:00pm EDT on October 1, 2024.

COSA will be accepting online applications to present **Oral Research, Table Clinics and E-Posters** at the 2025 AAO Annual Session starting the first week of August 2024.

The application deadline is 6:00pm EDT on October 15, 2024.

COSA will be accepting online applications for the **William R. Proffit Resident Scholar Award** presentations at the 2025 AAO Annual Session starting the first week of December 2024. The first forty residents who apply for the program will be accepted.

The application deadline is 6:00pm EST on February 3, 2025.

The 2024-2025 members of COSA are:

Dr. Jose Bosio, chair (MASO)
Dr. Thikriat Al-Jewair (NESO)
Dr. Burcu Bayirli (PCSO)
Dr. Helder Jacob (SWSO)
Dr. Denise Prugh (RMSO)
Dr. Eser Tufekci (SAO)
Dr. Sumit Yadav (MSO)
Dr. Marilia Yatabe Ioshida (GLAO)
Dr. Steven Marshall, Member at large
Dr. Jeffrey Nickel, Member at large
Dr. Rolf Behrents (Trustee Liaison)

COSA's next meeting is January 10, 2025 via Zoom.

Respectfully submitted,

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GLAO Representative to the AAO Council on Scientific Affairs

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