

August 7th, 2022.
Dr. Juan Martin Palomo

COUNCIL ON SCIENTIFIC AFFAIRS REPORT

During Annual Session, COSA members judged 21 William R. Proffit Resident Scholar Award presentations and 27 Table Clinic presentations. COSA members moderated 28 Oral Research presentations and the Hellman, Sicher, Graber lectures. 239 E-Posters were available for viewing during Annual Session.

The 2022 William R. Proffit Resident Scholar Award winners are:



From left to right bottom row:
Ke Wang, Gabrielle Wainwright, Abbey Janssen, Vivian Snider
Upper row:
Steven Marshall, COSA chair, Diaa Ossama Allahham, Ney Paredes Sampen, Jeffrey Mount

Basic Science Research

First place: Abbey Janssen - Texas A&M University; Research title: The long-term effects of unloading on the transdifferentiation of condylar chondrocytes

Second place: Gabrielle Wainwright - University of the Pacific; Research title: Searching for association of GSK3 β rs13314595 and MSX1 rs3821949 with Nonsyndromic Cleft Lip and Palate

Third place: Ke Wang - University of Connecticut; Research title: Effects of Alendronate on periodontal ligament entheses in osteogenesis imperfecta mice

Clinical Research

First place: Vivian Snider - University of Illinois – Chicago; Research title: Detecting periodontal conditions and improving patients' oral hygiene by remote dental monitoring: a prospective study

Second place: Diaa Ossama Allahham - University of Rochester; Research title: Association between non-extraction clear aligner therapy and alveolar bone dehiscences and fenestrations in adults with mild-to-moderate crowding

Third place: Jeffrey Mount - University of Texas – Houston; Research title: Effect of 3D-printed material on thermoformed appliance fabrication

Third place: Ney Paredes Sampen - University of California - Los Angeles; Research title: Skeletal and dentoalveolar changes post-expansion and post-treatment with microimplant-supported midfacial skeletal expander



COSA members want to thank Bhavna Shroff and Lina Moreno Uribe for helping judge the 2022 William R. Proffit Resident Scholar Award.

Judges for the 2022 William R. Proffit Resident Scholar Award from left to right bottom row: Bhavna Shroff, Eser Tufekci, Burcu Bayirli. Upper row: Greg Huang, Lina Moreno Uribe, Steven Marshall, Jose Bosio, Onur Kadioglu, Michael Duryea

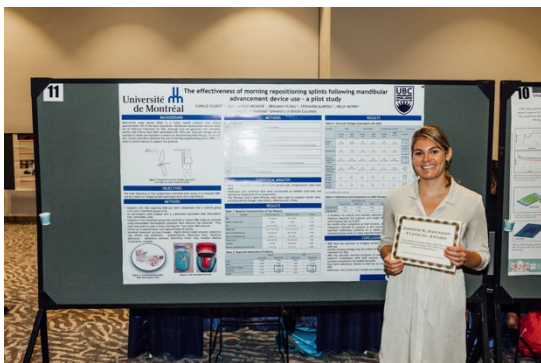
The 2022 Joseph E. Johnson Clinical Award for Table Clinics winners are:



From left to right: Steven Marshall, COSA chair, COSA judge Michael Duryea, COSA judge Eser Tufekci, First place award winner Laurie St. Pierre, COSA judge Jose Bosio



Second place winner Erika Babikow



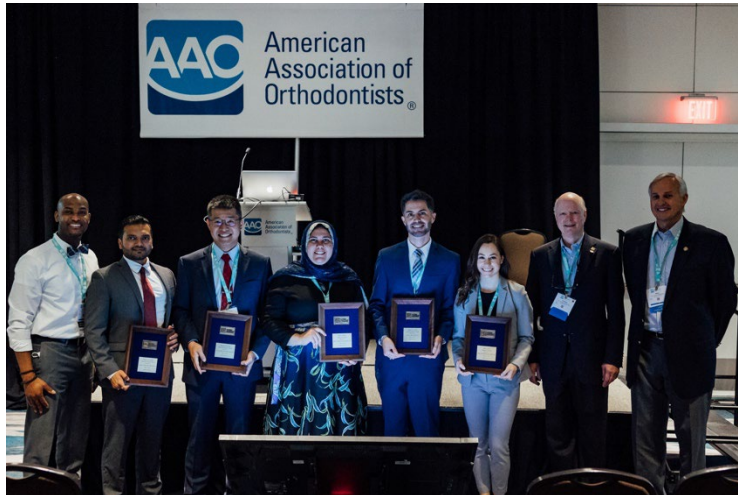
Third place winner Camille Gilbert

First place: Laurie St. Pierre - Université de Montréal; Research title: Heart rate variability analysis in children with sleep apnea and sleep bruxism

Second place: Erika Babikow - University of North Carolina – Chapel Hill; Research title: Efficacy of mouth rinses in mitigating SARS-CoV-2 transmission

Third place: Camille Gilbert - Université de Montréal; Research title: Efficacy of morning repositioning splints following mandibular advancement device use - a pilot study

The 2022 Hellman, Sicher, Graber award winners received their award plaques prior to their lectures at Annual Session:



From left to right:
COSA member Kelton Stewart, Graber award winner Shivam Mehta, Graber award winner Po-Jung Chen, Hellman award winner Mona Hamoda, Graber award winner Steven LeRoy, Sicher award winner Amanda Gross, COSA member Steven Marshall, COSA member Emile Rossouw

Applications are being accepted for the 2023 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 2023 Annual Session website - <https://www2.aaoinfo.org/library/hellman-sicher-graber-research-awards/>. Only the online application will be accepted. The application deadline is 6:00pm EDT on October 1, 2022.

COSA will be accepting online applications to present Oral Research, Table Clinics and E-Posters at the 2023 AAO Annual Session starting the first week of August 2022. The application deadline is 6:00pm EDT on October 15, 2022.

COSA will be accepting online applications for the William R. Proffit Resident Scholar Award presentations at the 2023 AAO Annual Session starting the first week of December 2022. The first forty residents who apply for the program will be accepted. The application deadline is 6:00pm EST on February 1, 2023.

The 2022-2023 members of COSA are:

Dr. Steven Marshall, chair (MSO)
Dr. Burcu Bayirli (PCSO)
Dr. Jose Bosio (MASO)
Dr. Michael Duryea (RMSO)
Dr. Onur Kadioglu (SWSO)
Dr. J. Martin Palomo (GLAO)
Dr. Eser Tufekci (SAO)
Dr. Sumit Yadav (NESO)
Dr. Jeffrey Nickel, Member at large
Dr. Kelton Stewart, Member at large
Dr. Rolf Behrents (Trustee Liaison)

COSA's next meeting is January 6, 2023 via Zoom.