

January 20, 2023

Dr. Juan Martin Palomo

COUNCIL ON SCIENTIFIC AFFAIRS REPORT

The Council on Scientific Affairs (COSA) met via Zoom on January 6, 2023. COSA reviewed 22 applications for the Hellman, Sicher, and Graber Awards. The following are the 2023 AAO Research Awards winners:

Milo Hellman Research Award to Dr. Po-Jung Chen from the University of Nebraska for research titled: Anabolic response of intermittent parathyroid hormone and alendronate on the osteochondral tissue of TMJ

Harry Sicher Research Award to Dr. Abbey Janssen from Texas A&M University for research titled: The long-term effects of unloading on the transdifferentiation of condylar chondrocytes

Thomas M. Graber Awards of Special Merit to:

Dr. Taneisha Livingston Brown from University of North Carolina – Chapel Hill for research titled: Longitudinal microbiome changes in supragingival biofilm transcriptomes induced by fixed orthodontic treatment

Dr. Samim Taraji from University of Illinois – Chicago for research titled: Novel machine learning algorithms for prediction and treatment decision in patients with Class III

Dr. Nicholas Shirey from University of Michigan for research titled: Comparison of mechanical properties of 3D printed and thermoformed orthodontic aligners

Dr. Karen Homsy from University of Illinois - Chicago for research titled: Clinical evaluation of artificial intelligence driven remote monitoring technology at tracking tooth movement and reconstruction of 3D digital models during fixed orthodontic treatment

The Hellman, Sicher, Graber lectures will be held at Annual Session on Saturday, April 22, 2023 from 1:30pm-3:30pm. Prior to the Hellman lecture at 1:15pm, the award winners will receive their award plaques. COSA invites all Annual Session attendees to come and listen to these award-winning lectures.

The 2024 Hellman, Sicher, Graber online application will be available on March 15, 2023. The deadline to apply is October 2, 2023.

COSA accepted 27 Oral Research applications, 299 E-Poster applications and 30 Table Clinic applications to be presented at the 2023 AAO Annual Session. The Oral Research presentations will be held at Annual Session on Sunday, April 23, 2023 from 8:00am – 3:45pm. The Table Clinic program will be held at Annual Session on Sunday, April 23, 2023 from 9:30am-11:30am. COSA will judge the Table Clinics and award the Joseph E. Johnson Clinical Award.

There will be no hard copies of Posterboards displayed at Annual Session. E-Posters will be available for viewing during Annual Session in the Exhibit Hall and until July 31, 2023 on the AAO website.

COSA is accepting applications for the 2023 William R. Proffit Resident Scholar Award program to be held at the 2023 AAO Annual Session. The online application can be found on the AAO website. The deadline to apply for this program is February 1, 2023. COSA members will judge this program on Saturday, April 22, 2023. The awards will be given during the open hour of the program from 1:00pm-2:00pm on April 22.

COSA will meet during Annual Session. COSA meets every January by Zoom. The next Zoom meeting is scheduled for January 5, 2024.

For any questions/suggestions, email Juan Martin Palomo at palomo@case.edu