

Center Award

Dr. Jeffrey Nickel, *Oregon Health and Science University (OHSU)*

2018 3M Unitek Corporate Center Award

Title: 2018 COAST Innovator's Workshop: "Bridging the biology-technology gap in orthodontics and craniofacial care"

Co-investigators: Laura Iwasaki (OHSU), David Covell (U. Buffalo), Sylvia Frazier-Bowers (UNC-Chapel Hill), Sarandeep Huja (MUSC), Sunil Kapila (UCSF)



Dr. Jeff Nickel, DMD, MSc, PhD, is currently Professor and Director for the Advanced Education Program in Orthodontics at Oregon Health and Science University. Prior to his appointment to OHSU, he was a faculty member of the University of Missouri Kansas City (2007-2018); University of Nebraska Medical Center (1996-2006), and University of Manitoba (1992-1996). Jeff is the Principal Investigator of an NIH funded clinical study to test the combined effects of mechanics and behavior in the development of degenerative joint disease. He has published in the areas of numerical modeling of CNS organization of the masticatory muscle activation; in vivo and ex vivo biomechanics of cartilage; and the testing of mechanical and biological variables affecting rates of tooth movement in humans.

The Scientific Advisory Board of the Consortium for Orthodontic Advances in Science and Technology (COAST) are very grateful to 3M Unitek and the AAOF for providing funds in support of the 2018 COAST Innovators' Workshop. The workshop will take place in Scottsdale Arizona, September 12th-16th, 2018

Approximately every 2 years, the COAST Scientific Advisory Board invites 40 speakers to participate in an interactive environment that promotes sharing of data and ideas. The 2018 Corporate Center Award this year will support an Innovators' Workshop which focuses on the theme of **Personalized and Precision Orthodontics: Bridging the Biology-Technology Gap**. We have 40 speakers from the United States and Europe whose mandate is to address this theme through their recent research endeavors.

The monies provided by the 2018 Corporate Center Award helps COAST pay for costs associated with the workshop. Additionally, the award helps to defray the cost of publication of manuscripts produced by workshop speakers. Proceedings of past workshops have been published in the journal *Orthodontics and Craniofacial Research*. (<https://onlinelibrary.wiley.com/toc/16016343/20/S1>)

Thank you to all who have donated to the AAOF. Your contribution ensures the progress of our discipline. Please consider attending a COAST Innovators' Workshop. Clinicians and researchers alike may attend to hear directly from researchers as they present their most recent data. For more information about the planned 2018 program, and to register for the 2018 Innovators' Workshop, please visit us at the following web address: <http://www.faseb.org/src/micro/Site/COAST/Home.aspx>