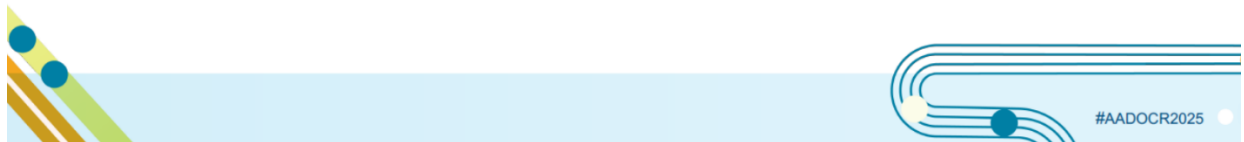


Highlights from the 2025 AADOCR/CADR Annual Meeting

The 2025 AADOCR/CADR Annual Meeting & Exhibition provided dental, oral, and craniofacial health scientists with the opportunity to present, discuss, and critique their latest cutting-edge research in New York, NY.

Meeting Stats

- 2,303 Total Attendance
- 34 Countries Represented
- 220 Oral Presentations
- 1,289 Poster Presentations
- 3 Distinguished Lecture Series Presentations
- 6 Hands-on Workshops
- 45 Symposia
- 3 Satellite Symposia
- 6 Industry-sponsored Symposia
- 10 Corporate Exhibitor Booths
- 39 Institutional Exhibitor Booths



AADOCR President's Inaugural Address



Jennifer Webster-Cyriaque was installed as the 54th AADOCR President at the conclusion of the General Session & Exhibition. View her inaugural address [here](#).

AADOCR Awards Presentations



View the [AADOCR Awards presentation](#) shown during the Opening Ceremonies of the 2025 AADOCR/CADR Annual Meeting & Exhibition. Congratulations to all the winners!

Distinguished Lecture Series

DISTINGUISHED LECTURE SERIES SPEAKERS



Eduardo L. Franco

McGill University, Montreal, QC, Canada

The Journey to Preventing HPV Infection: Promises and Challenges



Abigail Tucker

King's College London, England, UK

Understanding Dental & Craniofacial Birth Defects Using Diverse Animal Models



Kim Lewis

Northeastern University, Boston, MA, USA

Persister Cells and Antibiotic Discovery

www.aadocr.org/2025aaam

#AADOCR2025

2025 Awards, Fellowships, & Grants

A highlight of the Annual Session is the Awards Ceremony. AADOCR has a vast portfolio of awards, grants, and fellowships that provides resources and recognition to extraordinary DOC health scientists at all career stages. We would like to thank everyone who participated in the competitions and congratulations to all the winners!

AADOCR Honorary Membership

The Honorable Ben Cardin, U.S. Senator from Maryland

AADOCR Distinguished Scientist Award

Supported by Haleon

John Feathersone, University of California, San Francisco

AADOCR Irwin D. Mandel Distinguished Mentoring Award

Martha Somerman, National Institutes of Health, National Institute of Dental and Craniofacial Research, Bethesda, MD

AADOCR Anne D. Haffajee Fellowship

Ozge Erdogan, Harvard University, Boston, MA

AADOCR William B. Clark Fellowship

Supported by P&G Professional Oral Health, Crest + Oral-B

Jay Patel, Temple University, Philadelphia, PA

AADOCR William Butler Fellowship

Emily Chu, University of Maryland, Baltimore

AADOOCR Procter & Gamble Underrepresented Faculty Research Fellowship
Paula Ortega-Verdugo, University California, Los Angeles

AADOOCR Jack Hein Public Service Award
Katherine Hammitt, Sjögren's Foundation, Reston, VA

AADOOCR Fellows

- Marco Bottino, University of Michigan, Ann Arbor
- Simone Duarte, University at Buffalo, NY
- Stuart Gansky, University of California, San Francisco
- Dorota Kopycka-Kedzierawski, University of Rochester, NY
- Xiaohua Liu, University of Missouri, Columbia
- Vivek Thumbigere Math, University of Maryland at Baltimore
- Jin Xiao, University of Rochester, NY



[VIEW THE SLIDESHOW](#)

AADOOCR Bloc Travel Grant

Supported by the National Institutes of Health – National Institute of Dental and Craniofacial Research (NIH-NIDCR) (Grant No. R13DE032910)

- Daria Buhtoiarova, The Ohio State University, Columbus
- Harsh Chheda, Columbia University, NY
- Ye Won Cho, Harvard University, Boston, MA
- Paria Dehghanian, Texas A&M University, Dallas
- Anyelo Diaz, University of Massachusetts, Boston
- Pu-Ting Dong, ADA Forsyth, Cambridge, MA
- Jeremy Elias, ADA Forsyth, Cambridge, MA
- Shawn Hallett, University of Michigan, Ann Arbor

- Jacob Harris, The Ohio State University, Columbus
- Claire Houchen, University of Missouri-Kansas City
- Rachel Kim, University of California, Los Angeles
- Matthew Koller, University of Florida, Gainesville
- Lauren Kress, University of Minnesota, Minneapolis
- Rachel Kulchar, NIH/NIDCR, Bethesda, MD
- Chloe La Prairie, University of Alabama at Birmingham
- Kasey Leung, University of Illinois Chicago
- Dayron Leyva Rodriguez, University at Buffalo, NY
- Luke Lucido, University of California, San Francisco
- Peyton Maccarone, University of Pennsylvania, Philadelphia
- Saba Manafi, University of Iowa, Iowa City
- Sonya Movassaghi, Stony Brook University, NY
- Jeremie Oliver Piña, University of Maryland at Baltimore
- Ana Pagan-Rivera, University of Puerto Rico, San Juan
- Hanthao Phan, University of Utah, Salt Lake City
- Alyssa Saltz, University of Kentucky, Lexington
- Iris Shin, The Ohio State University, Columbus
- Johnny Thai, University of California, Los Angeles
- Ngoc-Thanh Tieu, University of California, San Francisco
- Amy Tran, UT Health Houston
- Kristopher Wieland, UT Health San Antonio
- Micah Willis, University of Florida, Gainesville

AADOCR Student Research Day Award

- Courtney Beard, Midwestern University College of Dental Medicine – Arizona, Glendale
- Sarah Seohyun Chang, University of Michigan, Ann Arbor
- Yiwen Chen, University of Nebraska, Lincoln
- Tamilyn Chu, Boston University, MA
- Alan Gorny, University of Maryland, Baltimore
- Sarah Heise, Virginia Commonwealth University, Richmond
- Ha Eun Jeong, Tufts University, Boston, MA
- Lauren Kress, University of Minnesota, Minneapolis
- George Kokkinos, Stony Brook University, NY
- Kimia Imani, University of Washington, Seattle
- Nursima Lacin, University of Pittsburgh, PA
- Christian McSweeney, A.T. Still University, Mesa, AZ
- Markus Mosley, East Carolina University, Greenville, NC
- Justin Nguyen, Roseman University, South Jordan, UT
- Kyungjoon Park, University of Pennsylvania, Philadelphia
- An-Vi Phan, University of Iowa, Iowa City
- Naomi Riley, Indiana University, Indianapolis

- Kathryn Roeder, Rutgers University, Newark, NJ
- Jordan Sahawneh, Touro College and University System, New York, NY
- Talia Thambyrajah, University of Missouri-Kansas City
- Aaron Toler, Medical University of South Carolina, Charleston
- Kavya Uddaraju, University of Connecticut, Farmington
- Cassandra Villani, University of Illinois Chicago
- Anny Yang, University of California San Francisco
- Nicholas Yuhas, Southern Illinois University, Alton

AADOOCR Delta Dental Institute Oral Health Equity Research Award

Sponsored by Delta Dental Institute

- Access to Care Category: Heidi Longi & Jeri Bullock, University of Utah, Salt Lake City
- Oral Health Literacy Category: Kristin Hoeft, University of California, San Francisco

AADOOCR Hatton Competition

Junior Category

- 1st – Rachel Kulchar, National Institute of Dental and Craniofacial Research, Bethesda, MD. *Single Cell and Spatial Analyses of ICI-Induced Granulomatous Sialadenitis.*
- 2nd – Saba Manafi, University of Iowa, Iowa City. *Functional Assessment of an Oculo-auricular-vertebral Spectrum Associated Variant in Zebrafish*

Senior Category

- 1st – Samuel Swearson, University of Iowa, Iowa City. *New Models and Treatments for Craniosynostosis.*
- 2nd – Vasileios Theofilou, University of Maryland at Baltimore. *Spatial Compartmentalization of Cellular Networks Within the Immune-active Gingival Barrier*

Post-Doctoral Category

- 1st – Peng Chen, University of Southern California, Los Angeles. *Suture-Dura Interaction Supports Coronal Suture Regeneration in Craniosynostosis.*
- 2nd – Mauricio Sousa, Oregon Health & Science University, Portland. *High-Fidelity Model Mimicking Osteocyte Differentiation and Osteoclastogenesis on-a-Chip.*

IADR/AADOOCR William J. Gies Award

Supported by J. Morita Corporation

Biological Research Category

A PTHrP Gradient Drives Mandibular Condylar Chondrogenesis via Runx2

C. Tsutsumi-Arai, Y. Arai, A. Tran, M. Salinas, Y. Nakai, S. Orikasa, W. Ono, N. Ono.
J Dent Res 103(1):91-100, 2024

Biomaterials & Bioengineering Category

Rapid Intrafibrillar Mineralization Strategy Enhances Adhesive–Dentin Interface.

X. Gao, Z. Wang, H. Yang, and C. Huang.

J Dent Res 103(1):42-50, 2024

Clinical Research Category

Copy Number Alterations Predict Development of OSCC from Oral Leukoplakia.

X. Cai, J. Zhang, L. Li, L. Liu, M. Tang, X. Zhou, C. Peng, X. Li, X. Chen, M. Xu, H. Zhang, J. Wang, Y. Huang, and T.Li.

J Dent Res 103(2):138-146, 2024

IADR/AADOCR Journal of Dental Research Cover of the Year Award, 2024

Improved Visualization of Oral Microbial Consortia

S.T. Ramirez-Puebla, J.L. Mark Welch, G.G. Borisy.

J Dent Res 103 (13): 1421-1427, 2024.

AADOCR Student Competition for Advancing Dental Research and its Application

Supported by Dentsply Sirona and AADOCR

Clinical Science & Public Health Research Category

- 1st – Alex Matthews, Case Western Reserve University, Cleveland, OH. *Dental Hygienists' Awareness and Support for Emerging Oral Health Personnel*
- 2nd – Migelle Paolo Orobia, University of California, San Francisco. *Repair of Carious Affected and Infected Dentin by Remineralization With PILP.*
- 3rd – John Woodward, University of Tennessee Health Science Center, Memphis. *Traces of Glandular Odontogenic Cysts in Dentigerous Cysts: A Clinicopathologic Analysis.*

Basic & Translational Science Research Category

- 1st – Sarah Aitken, University of Minnesota, Minneapolis. *Roles of Streptococcal Agl/II Adhesins in Early Oral Biofilm Formation.*
- 2nd – Daniel Thomas Fleming, The Ohio State University, Columbus. *Identification of ADAM10 Partner Proteins and Substrates During Enamel Formation.*
- 3rd – Jonathan Banks, University of Illinois Chicago. *NG2/CSPG4 Modulates the Biomineralization of Mandibular Fracture Healing.*

AADOOCR/CADR Joseph Lister Award for New Investigators

- 1st – Hiroki Ueharu, University of Michigan, Ann Arbor. *Ectopic X-Chromosome Inactivation Develops Craniofacial Anomalies in a Sex-Independent Manner.*
- 2nd – Hyuk-Jae (Edward) Kwon, University at Buffalo, NY. *Histone Methyltransferase Mll4 Drives Transcriptional Activation and Cell Differentiation in Tooth Development.*

AADOOCR NSRG 411 Rapid Research Competition

Basic Science Category

- 1st – Xiaoyuan Yang, Columbia University Irving Medical Center. *Bioactive Glue for In-Situ Regeneration of Perforated TMJ Disc.*
- 2nd – Matthew Yee, Columbia University. *Modulation of Chondrocyte Senescence for the Treatment of Osteoarthritis*
- 3rd – Iram Elamin, University of Maryland Eastern Shore. *Trb3-Directed Therapy Promotes Bone Regeneration in Osteoporosis.*

Clinical/Public Health Category

- 1st – Ahmed Yacoub, University of Texas at Arlington. *Semiconductor Dielectric Coatings on Cranial Implants Boost Osteogenesis and Rapid Bone Apposition*
- 2nd - Peyton MacCarone, University of Pennsylvania School of Dental Medicine. *Stability of Le Fort III Distraction Osteogenesis in Syndromic Craniosynostosis*
- 3rd – Anny Yang, University of California, San Francisco. *Parental Preference for Telehealth Post-Operative Dental Visit Following DRGA.*

AADOOCR NSRG Rising Researcher Poster Competition

Isabella Ho, Stony Brook University, NY. *A Novel Chemically-Modified-Curcumin Reduces MMP-9 Levels Through P38 MAPK Pathway.*

AADOOCR Student Research Fellowship

Supported by American Academy of Periodontology, Colgate Oral Pharmaceuticals, P&G Professional Oral Health, Crest + Oral-B, Dentsply Sirona, Haleon, and AADOOCR Group Chapters, Sections and Members

- Jessie Alfaro, UT Health San Antonio, TX
- Dayoon Chang, University of Pennsylvania, Philadelphia
- Harsh Chheda, Columbia University, New York, NY
- Olivia Diakantonis, University of Michigan, Ann Arbor
- Zilin Guo, University of Pennsylvania, Philadelphia
- Yesul Kang, University of Pennsylvania, Philadelphia
- Sanjana Madarapu, Indiana University, Indianapolis
- Peter Nguyen, Oregon Health & Science University, Portland
- Young Park, Nova Southeastern University, Fort Lauderdale, FL
- Sienna Perry, University of Michigan, Ann Arbor

- Yilin Piao, University of California, San Francisco
- Sherry Schneider, University of Pennsylvania, Philadelphia
- Samuel Suslavich, University of Pennsylvania, Philadelphia
- Hannah Takasuka, University of California, San Francisco

AADOOCR MIND the Future

Cohort 5 and many of the alumni from Cohorts 1-4 of the AADOOCR Mentoring an Inclusive Network for a Diverse Workforce of the Future (MIND the Future) Program attended the event with support from the NIDCR grant no. 1UE5DE029439. Principal Investigators for the grant are David Drake, University of Iowa, Iowa City, Christopher H. Fox, AADOOCR CEO, and Effie Ioannidou, University of California, San Francisco.



Programming included an Alan Alda Center for Communicating Science Workshop, a two-part Faculty Development Hands-On Workshop, the third annual AADOOCR MIND the Future Coffee Chat, the first AADOOCR MIND the Future Symposium, and the third annual Alumni Cohort Symposium.

Diversity Matters: Advancing Dental, Oral, and Craniofacial Research Leaders

On Saturday, March 15, AADOOCR's Committee on Diversity and Inclusion (CDI) hosted a symposium session reflecting the need to emphasize diversity in the dental, oral, and craniofacial (DOC) research space.

The underrepresentation of minoritized scholars in the DOC research workforce presents a critical challenge to equitably serve communities across the nation. This

session took a step towards advancing equity and justice in the dental research enterprise by exploring strategies for leveraging community grounded, cross-disciplinary collaboration to support the advancement of historically minoritized scholars.

The session began with a panel of community leaders, professors, and scholars who shared their academic and professional journeys, highlighting how community and collaboration have facilitated their progress.

Participants then engaged in small group discussions to identify strategies for collectively fostering the advancement of minoritized scholars in DOC research through community grounded, cross-disciplinary collaboration.



This session offered a unique opportunity for undergraduates, dental students, graduate scholars, researchers, and professors to form a network *across* institutions and build meaningful professional relationships. It also provided a framework for the CDI to sustain collaboration between attendees beyond the annual meeting.

AADOCR President's Induction Ceremony



Effie Ioannidou presents a plaque to outgoing Student Representative Board Member Shawn Hallett



Effie Ioannidou presents a plaque to outgoing Patient Advocate Board Member Paige Falion



Effie Ioannidou presents a plaque to outgoing Board Member-at-Large Sheila Riggs



AADOCR CEO Christopher Fox presents Effie Ioannidou the Outgoing President's Plate

AADOOCR Board of Directors

The [2025-26 AADOOCR Board of Directors](#) began their term at the conclusion of the AADOOCR/CADR Annual Meeting & Exhibition. At the meeting, newly installed President Jennifer Webster-Cyriaque submitted a letter stepping down, effective March 17, 2025, due to other work commitments. Per the AADOOCR Constitution and Bylaws, the Immediate Past President, Effie Ioannidou, will complete the presidential term.

Call for Nominations

Help determine the future direction of IADR and AADOOCR by submitting a nomination for one of the following volunteer leadership positions!

- [IADR Vice-President](#)
- [IADR Scientific Group/Network Officers](#)
- [IADR Committee Representatives](#)
- [AADOOCR Vice-president](#)
- [AADOOCR Treasurer](#)
- [AADOOCR Committee Representatives](#)
- [AADOOCR Section Officers](#)
- [AADOOCR Representative to the IADR/AADOOCR Publications Committee](#)

Please be sure to check the above links for nomination procedures and eligibility requirements. In addition to nominating a colleague, self-nominations are also encouraged for all positions.

All nominees must be current members IADR. Questions can be directed to Riana Hays, Component Relations Coordinator, at rhays@iadr.org.

AADOOCR Governance

AADOOCR Council Meeting

March 12, 2025 | New York, NY

The following are the AADOOCR Council meeting highlights:

Council approved the following slate of nominees to stand for election as **AADOOCR Vice-president**:

- Marcelo Araujo, University at Buffalo, NY, Periodontal Research
- Kimon Divaris, University of North Carolina, Chapel Hill, Behavioral, Epidemiologic and Health Services Research Group
- Sarah Knox, University of California, San Francisco, Salivary Research

Council selected **Tamanna Tiwari** as the **2024-2027 Member-at-Large**.

Council approved the following slate of nominees to stand for election as **AADO CR Representative to the IADR/AADO CR Publications Committee for the 2026-2029 term**:

- Maria Geisinger, University of Alabama at Birmingham, Women in Science Network
- Stefan Ruhl, University at Buffalo, NY, Salivary Research
- Hom-Lay Wang, University of Michigan, Implantology

Council approved the **bylaws revisions to the AADO CR Honorary Membership** as presented by the AADO CR Board of Directors.

Council approved the **Revised IADR/AADO CR Code of Ethics**.

Council approved the update **AADO CR Community Water Fluoridation Position Statement**.

Council approved the update **AADO CR Topical Fluoride Position Statement**.

Council approved the **AADO CR 2023 Independent Auditors' Report**.

Council approved the **2025 AADO CR Budget & 2025 Joint IADR/AADO CR Budgets**.

Save the Date!



Thank You to Our Donors and Sponsors

We would like to thank everyone who showed their generosity by supporting AADO CR programs and initiatives, both at the Annual Meeting and throughout the year. Your contributions play a critical role in the success of our associations and members, enabling us to continue cultivating the next generation of leaders in DOC research!



Gold Scientific Session Partner

AADOCR/CADR Past Executives' Business Meeting
AADOCR Student Research Fellowships
AADOCR Diversity Matters Symposium
Industry-Sponsored Symposium



Gold Scientific Session Partner

Industry-Sponsored Symposium

P&G Professional Oral Health



Silver Scientific Session Partner

AADOCR/CADR Presidents' Reception
AADOCR P&G Underrepresented Faculty Research Fellowship
AADOCR Student Research Fellowships
AADOCR William B. Clark Fellowship



Bronze Scientific Session Partner



Bronze Scientific Session Partner

SCADA: Student Competition for Advancing Dental Research and its Application
AADOCR Student Research Fellowships



AADOCR Student Research Fellowships



AADOCR Delta Dental Institute
Oral Health Equity Award



Industry-Sponsored Symposium
AADOCR Distinguished Scientist Award
AADOCR Student Research Fellowships



IADR/AADOCR William J. Gies Awards



Industry-Sponsored Symposium
AADOCR Joseph Lister Award



Industry-Sponsored Symposium



AADOCR Bloc Travel Grant



Industry-Sponsored Symposium



Press Coverage

View all the 2025 AADOOCR/CADR Annual Meeting & Exhibition [press releases](#) online.

Continuing Education



Registered attendees at the 2025 AADOOCR/CADR Annual Meeting & Exhibition can continue education (CE) credits for in-person session attendance online until September 2025. A maximum of **35.75** continuing education hours is available for in-person session attendance. To claim your CE credits, log in to the online app and click on the “Claim CE” button in the Meeting Resources section.

[Claim CE & Certificate](#)

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