

# 2025 ANNUAL REPORT



**AADOOCR**  
American Association for Dental,  
Oral, and Craniofacial Research

# ABOUT AADOCR

The American Association for Dental, Oral, and Craniofacial Research (AADOCR) represents the individual scientists, clinician-scientists, dental professionals, and students based in academic, government, non-profit, and private-sector institutions who share our mission. AADOCR is the largest division of the International Association for Dental, Oral, and Craniofacial Research (IADR).

## AADOCR Mission

Drive dental, oral, and craniofacial research to advance health and well-being.

## AADOCR Vision

Oral health for the world through discovery and dissemination.

## Scientific Excellence:

AADOCR values science conducted at the highest possible levels of rigor, innovation, and ethics, across disciplines, from discovery science to clinical implementation to global population health.

## Social Responsibility:

AADOCR values the pursuit of science to improve health and well-being for all people, to reduce health inequalities and inequities, and proactively takes actions and positions to improve health.

## Scientific Community:

AADOCR values a diverse and inclusive scientific workforce, promotes work-life balance, and supports educational activities and mentoring networks to develop the next generation of scientists.

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## MESSAGE FROM THE AADOCR PRESIDENT



The American Association for Dental, Oral, and Craniofacial Research continues to champion cutting-edge research, expand scientific understanding, and enhance oral health and overall well-being by promoting the exchange and real-world application of new discoveries year-round. It is with enormous pride and humility that I have served as President of this great association for a second term.

AADOCR remains the leading platform for collaboration and innovation across the country. The 54<sup>th</sup> Annual Meeting of the AADOCR, held in conjunction with the 49<sup>th</sup> Annual Meeting of the CADR, gathered more than 2,300 attendees from 34 countries, featuring 220 Oral Presentations and nearly 1,300 Poster Presentations. Our three Distinguished Lectures Speakers offered critical insights into the prevention of HPV infection, understanding dental and craniofacial birth defects, and the role of persister cells in antibiotic discovery.

Our commitment to the future of oral health research was on full display this year in the wake of proposed devastating federal budget cuts that threatened to undermine decades of biomedical progress and set back research that improves oral health, reduces health disparities, and saves lives. AADOCR will continue to lead the effort to push back against these and other measures undertaken by the current administration that damage the research enterprise and endangers the United States' global leadership in innovation.

The AADOCR Awards and Fellowships are more essential than ever before, and we continue to rely on the generosity of our members to support our many programs aimed at emerging scientists. Every donation fuels people, passion, and the future of oral health research through initiatives such as the New Investigator Research Development Fund and the Student Research Day Award, as well as the on-site student competitions at the AADOCR Annual Meetings that highlight the enormous potential of the next generation of emerging scientists.

It's more important than ever that AADOCR members remain engaged, optimistic, and passionate about the crucial work they do to promote health and well-being. I look forward to another year of fostering growth within the scientific community and driving innovation in the coming years.

Sincerely,

**Effie Ioannidou**  
AADOCR President

## MESSAGE FROM THE AADOCR CHIEF EXECUTIVE OFFICER



AADOCR continues to lead the nation in advancing health and well-being through dental, oral, and craniofacial (DOC) research. Under the strong leadership of President Effie Ioannidou—supported by an engaged Board of Directors and a dedicated staff—we closed out another successful year marked by growing membership and a broader national footprint.

The 2025 AADOCR/CADR Annual Meeting & Exhibition brought researchers together to share, challenge, and refine one another's work at a vibrant gathering in New York, NY. The meeting also featured the fourth "Meeting Within a Meeting," with this year's topic bringing an immersive introduction to dental innovation and entrepreneurial management. These sessions gave attendees a clearer understanding of the opportunities and hurdles in this space, including how innovation pathways shape research careers and how small business entrepreneurs can secure non-dilutive funding for early-stage R&D.

In April, AADOCR, along with the American Dental Education Association and the Friends of the NIDCR, joined forces once again for the 2025 Advocacy Day, which brought together dental researchers, scientists, educators, students, and other oral health advocates to Capitol Hill to raise the visibility of oral health, champion NIDCR-funded research, and promote investment in dental education and training programs. This year, 75 participants from 23 states spent the day meeting with their elected officials, educating Congress about the importance of our nation's investment in biomedical research at the NIH and NIDCR, and federal oral health training and workforce programs. They also garnered support for legislation that will allow medical and dental students to defer their federal student loans interest-free during their residency or internships.

In September, we proudly welcomed the sixth cohort of the AADOCR Mind the Future Program, thanks to a generous grant from the CareQuest Institute for Oral Health. The primary goal of the program is to develop a sustainable, nationally recognized mentoring network that enhances the career development of early-career DOC researchers. The program is open to early-career faculty/investigators (postdoctoral or junior faculty) in academic and research institutions who wish to advance their careers in DOC health research.

Excitement is building for the IADR/AADOCR/CADR General Session & Exhibition in San Diego, CA as we look ahead to 2026. I extend my sincere gratitude to the entire AADOCR community for its continued support, and to President Effie Ioannidou and the Board of Directors for their devoted leadership in moving our mission forward.

Sincerely,

**Christopher H. Fox, DMD, DMSc**  
AADOCR Chief Executive Officer

## JDR and JDR CTR Announce New Impact Factors



The *Journal of Dental Research* (JDR) 2-Year Journal Impact Factor™ is now 5.9, ranking it #7 of 162 journals in the “Dentistry, Oral Surgery & Medicine” category. The JDR 5-year JIF is now 7.3, with an Immediacy Index of 0.9, an article Influence score of 1.657, and an Eigenfactor of 0.01126. The JDR once again maintains its #1 rank in total citations, with a total of 25,107 in 2024. In the same category, the *JDR Clinical & Translational Research* (JDR CTR) 2-Year JIF is now 2.2, placing it tied for rank #59. The JDR CTR 5-year JIF is now 2.8, with an Immediacy Index of 0.3, an article Influence score of 0.674, and an Eigenfactor of 0.00127. The JDR CTR had 983 total citations in 2024. This news comes from the 2024 Journal Citation Reports® (Clarivate™, 2025).

## Generative Artificial Intelligence: Opportunities, Risks, and Responsibilities for Oral Sciences

In October, a new perspective article jointly published in the *JDR* and *JADA Foundational Science* highlighted the transformative potential of generative artificial intelligence (AI) in dental, oral, and craniofacial research while cautioning against its misuse and ethical pitfalls. Authored by Falk Schwendicke, LMU Clinics, Germany, et al., “Generative Artificial Intelligence: Opportunities, Risks, and Responsibilities for Oral Sciences” outlines how generative AI can accelerate scientific discovery. The paper calls for transparent disclosure of AI use, robust verification methods, and clear distinction between synthetic and real-world data. Ethical oversight, equity considerations, and human accountability remain central to responsible integration.

## Arginine Dentifrices Significantly Reduce Childhood Caries

In August, IADR and AADOCR announced the publication of a new study in *JDR Clinical & Translational Research* that demonstrated that arginine dentifrices reduce dental caries in children with active caries as much as, or more than, a sodium fluoride dentifrice, depending on the arginine concentration. The study, “Arginine Dentifrices and Childhood Caries Prevention: A Randomized Clinical Trial” by Wei Lin, Sichuan University, et al. carried out a two-year, phase III, double-blind, three-arm, parallel-group, randomized controlled trial from April 15, 2019 through March 12, 2022 across

three centers in China. It confirmed that depending on the concentration, arginine dentifrices offer a safe, effective alternative to sodium fluoride dentifrices.

## HSRA’s Role in the Academic Oral Health Workforce

In June, IADR and AADOCR announced the publication of a supplemental issue of *JDR CTR* entitled, “HSRA’s Role in the Academic Oral Health Workforce.” The guest editors are Linda Rasubala, Yanfang Ren, and Thomas Caprio of the University of Rochester School of Medicine and Dentistry. The issue describes the innovative work done by junior dental faculty supported by the United States’ Health Resources and Services Administration (HRSA) programs, demonstrates the importance of investing in long-term faculty career development, and encourages dental educators and researchers to explore the intersection of primary care, teaching, and research.

## 2025 AADOCR Meeting Within a Meeting: Research Innovation and Entrepreneurship

The 2025 AADOCR/CADR Annual Meeting continuation of the Meeting Within a Meeting initiative introduced attendees to the fundamentals of dental innovation and entrepreneurial management to increase understanding of the requirements and challenges in this area. These sessions provided opportunities for attendees to consider how entrepreneurship and innovation processes may impact their future research careers, and how SBIR and STTR grant funding opportunities offer small business entrepreneurs a chance to obtain non-dilutive funding for early-stage research and development.

### Day 1 Collaborate, Communicate, and Create: The 3 Cs of an Innovation Culture

The first session focused on creating connections to communicate challenges and innovations for others to understand, buy in, and co-create; gain motivation through innovation by addressing emerging problems and opportunities with applied creativity and collaboration; and ways to bring together a culture of openness, collaboration, and diverse thinking for inclusive innovation.

#### Speakers:

**Mildred C. Embree**

Columbia University, New York, NY

**Hyun (Michel) Koo**

Penn Dental, Philadelphia, PA

**Sarah Knox**

University of California, San Francisco

### Day 2 Leading Innovation: Mindset, Skills, Action for New Growth and Entrepreneurship in Dental Research

The second session focused on innovation and design thinking processes, encouraging creativity, promoting scalable solutions to problems, initiatives to launch successful startups, utilizing AI to enhance research, efficiency, and engagement, and financial literacy related to NIH-NSF small business grants and Venture Fund.

#### Speakers:

**Jeremy Krell**

Revere Partners, New York, NY

**Anne Wyllie**

SalivaDirect, New Haven, CT

**Deepak Saxena**

New York University, NY

### Day 3 Regulatory Challenges and Compliance in Dental Innovation

The third session focused on the code of federal regulations, medical/dental device safety and innovation, requirements for an Investigational New Drug (IND) application, initial drug development plans, and regulatory requirements for demonstrating safety and efficacy.

#### Speakers:

**Yiming Li**

Loma Linda University, CA

**Orlando Lopez**

NIDCR, Bethesda, MD

**Terri Dolan**

Overjet, Boston, MA

# SCIENCE FIRST

## AADOCCR Ambassador Program

As part of AADOCCR's Science First initiative, the Ambassador Program is a group of highly-motivated members who help attract new investigators, particularly those funded by NIDCR, as well as authors, students, and meeting participants who are engaged in dental, oral, and craniofacial research.

Members individually recommend fellow researchers for membership, who are then contacted by AADOCCR and personally invited to join. By participating in the program, AADOCCR members play a crucial role in elevating the level of science and building a more vibrant community for the next generation of oral health scientists.

## AADOCCR Fellows

The AADOCCR Fellows Program is designed to recognize leaders of AADOCCR and individuals who have served AADOCCR in various ways throughout their careers and is open to active AADOCCR members.

## 2025 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,  
Baltimore



**Jin Xiao**  
University of  
Rochester, NY

# AADOCCR MIND THE FUTURE

In November, AADOCCR announced the program participants (mentees) for the **sixth cohort** of the AADOCCR Mind the Future program, thanks to the generous support of CareQuest Institute for Oral Health.



**David Fraser**  
National Institute  
of Dental and  
Craniofacial Research



**Mohamed Hassan**  
Washington University  
in St. Louis



**Paula Ortega-Verdugo**  
University of California,  
Los Angeles



**Lakmali Silva**  
Harvard University



**Manuela Maria Viana Miguel**  
University of Kentucky



**Jaqueline Vaz Vanini**  
Virginia Commonwealth  
University



**Ligia Schmitd**  
University of Michigan



**Miaomiao Li**  
The Ohio State  
University



**Harim Tavares dos Santos**  
University at Buffalo



**Sudha Rajderkar**  
UTHealth Houston



**Heather Taylor**  
Indiana University

In 2020, AADOCCR was awarded a five-year grant of more than \$1.3 million by the National Institute of Dental and Craniofacial Research (NIDCR) in response to FOA RFA-DE-19-007: NIDCR Mentoring Network to Support a Diverse Dental, Oral and Craniofacial Research Workforce. The grant project dates were March 2020 through February 2025 (Grant No. 5UE5DE029439).

In July 2025, AADOCCR announced that it would continue the program for a sixth year, thanks to a \$175,000 grant from CareQuest Institute for Oral Health.

The primary goal of the AADOCCR Mind the Future Program is to develop a sustainable, nationally recognized mentoring network that enhances the career development of early-career dental, oral, and craniofacial researchers.

The program is open to early-career faculty/investigators (postdoctoral or junior faculty) in academic and research institutions who wish to advance their careers in dental, oral and craniofacial health research. Principal investigators are IADR/AADOCCR CEO Christopher Fox, Effie Ioannidou of the University of California, San Francisco, and David Drake of the University of Iowa.



# PHILANTHROPIC UPDATE

AADOCR received more than **\$260,000** in donations in 2025.

## AADOCR Development Committee – 2025-2026

The AADOCR Development Committee is a committee of seven members who consult on planning for philanthropic efforts and assist in executing fundraising initiatives. The committee continues to hold quarterly conference calls with AADOCR staff.

John Mitchell, Chair  
 David Johnsen  
 Marco Bottino  
 Lois Cohen

Patricia Miguez  
 Julie Frantsve-Hawley  
 Mary Walker

## Endowments Update

AADOCR has four endowments which are eligible for AADOCR's \$1 million matching campaign. The AADOCR Match goes into effect once an endowment is fully realized.

Donations continue to be accepted for these programs:

Endowment	Funding Goal/Status	Awarded
Anne D. Haffajee Fellowship	Goal met in 2016	2017-2025
William Butler Fellowship	Goal met in 2022	2023-2025
General Operating Endowment	Goal met in 2022	N/A
New Investigator Research Development Fund	97% of goal reached to date	N/A

### AADOCR General Operating Endowment

The AADOCR General Operating Endowment reached its endowment goal in 2022. These funds are utilized as general AADOCR operating support to offset the day-to-day operating costs and to further the mission of the AADOCR. This important endowment will help keep the Association's membership dues at a low level.

### AADOCR New Investigator Research Development Fund

The AADOCR New Investigator Research Development Fund will assist in developing and fostering junior scientists as they embark on a career in (DOC) research. The award recognizes original research by new investigators and is designed to stimulate research in all DOC disciplines. Once fully endowed, one award per year will be presented in the amount of at least \$10,000 to be put towards the candidate's research, the establishment of research infrastructure, the completion of a research project, or preparing research for publication.

**"This new fund is more than just a financial resource, it's an opportunity to empower junior investigators. Imagine the impact we can have if we join forces to support this effort. Please join me in funding this important endowment with the thought that we, together, invest in the future of science!"**

– Effie Ioannidou, AADOCR President, 2024-25

# PHILANTHROPIC UPDATE

## Legacy Society

Marcelo W. B. Araujo, Dean, University at Buffalo School of Dental Medicine is the newest member of the AADOCR Legacy Society with a planned gift to AADOCR and a generous annual donation, both in support of the new AADOCR Travel Award for New Clinical Investigators. His pledged annual support for this award provides three travel awards in the amount of \$2,000 each for travel expenses to present at the AADOCR Annual Meetings.



Pictured: Marcelo W.B. Araujo (center) with IADR/AADOCR CEO Christopher Fox (left) and AADOCR President Effie Ioannidou (right).

## AADOCR William Butler Fellowship

The William (Bill) Butler Fellowship was created in recognition of Dr. Butler's many contributions to research in mineralized tissues and his prominence as a leading mentor and role model in the field.



**2025 Recipient**  
**Emily Chu**  
 University of Maryland at Baltimore



**2025 Recipient**  
**Ozge Erdogan**  
 Harvard University

## 2025 AADOCR Anne D. Haffajee Fellowship Recipient

This Fellowship was created in recognition of Dr. Haffajee's many contributions to clinical research in Periodontology and Oral Biology and her prominence as a leader and role model in the field.

# DONORS

AADO CR thanks the following AADO CR members for their donations to AADO CR programs and initiatives during the period of January 1, 2025 – December 31, 2025.

## Innovation Society \$1 - \$999

Mary Aichelmann-Reidy  
Sarah Aitken  
Brad Amendt  
Pejmon Amini  
Natalie Balian  
Stephen Bayne  
Elia Beniash  
Markus Blatz  
Jerry Bouquot  
John P. Brown  
Erin Bumann  
Joel Bumgardner  
Marcela Carrilho  
William Carroll  
Benjamin Chaffee  
Yong-Hee Chun  
Lois Cohen  
Modupe Coker  
Isabella Corso  
Joana Cunha-Cruz  
Christine D. Wu  
Teresa Dolan  
Louise Dornelas-Figueira  
Matthew Doyle  
Simone Duarte  
Kathy Eklund  
Kristi Erickson  
Ronald Ettinger  
Mary Farach-Carson  
Nicholas Fischer  
Margherita Fontana  
Brian Foster  
Cristiane Franca  
Jorge Frias-Lopez  
John Gallob  
Stuart Gansky  
Feng Gao  
Raul Garcia  
Frances Genco  
Lawrence Gettleman  
Jennifer Gibbs  
Gretchen Gibson

Siew-Ging Gong  
Ahana Goswami  
Ann Griffen  
Chengyu Guo  
Stefan Habelitz  
Christine Halket  
Katherine Hammitt  
Arthur Hand  
Quamarul Hassan  
Hatice Hasturk  
Lisa Heaton  
Mark Heiss  
Eileen Hoskin  
Claire Houchen  
Wei Hsu  
Vincent Iacono  
Bruce James  
Seung Jin Jang  
Margaret Jonah  
Linda Kaste  
Emma Kaz Frick  
Martha Ann Keels  
Sharukh Khajotia  
Sharon Kim  
Joonhee Kim  
Dorota Kopycka-Kedzierawski  
Purnima Kumar  
Anh Le  
Binnaz Leblebicioglu  
Patricia Lenton  
Ariadne Letra  
Bruno Lima  
James Lipton  
Lydia López-Del Valle  
Theresa Madden  
Victoria Maglaras  
Grayson Marshall  
Sally Marshall  
Claire McKibbin  
Daniel McNeil  
*in memory of Dr. Don Giddon*  
Nika Mehrnia  
Diana Messadi

Mina Mina  
Alexandru Movila  
Suchitra Nelson  
Jeffrey Nickel  
Dayane Oliveira  
Rubelisa Oliveira  
Noriaki Ono  
Eung-Kwon Pae  
Fotinos Panagakos  
Athena Papas  
Rade Paravina  
Shankargouda Patil  
Aline Petrin  
Esho Petyou  
Alexandra Pierre-Bez  
Daniel Pihlstrom  
Andrea Pobocik  
Deborah Polk  
Ann Progulske-Fox  
Piotr Psuja  
Cameron Randall  
Apoena Ribeiro  
Sheila Riggs  
Evan Roberts  
Mateus Rocha  
Rich Rosato  
Marilynn Rothen  
John Rugh  
Maja Sabalic-Schoener  
Scott Schricker  
Eileen Sexton  
Marc Shlossman  
Dania Shubber  
Lyubov Slashcheva  
Martha Somerman  
Paulette Spencer  
Samuel Swearson  
Dimitris Tatakis  
Mary Tavares  
Sotirios Tetradis  
Thankam Thyvalikakath  
Lucas Wall  
Yan Wang

Blake Warner  
J. Timothy Wright  
Hui Wu  
Jin Xiao  
Guiqin Xie  
Kenneth Yamada  
Hai Yao  
Ning Yu  
Camila Zamperini  
Phrao Zimmerman  
Faranak Zolfagharlookoohi

## Discovery Society \$1,000 - \$9,999

Judith Albino  
Marcelo W.B. Araujo  
Brian Clarkson  
Nisha D'Silva  
Jack Ferracane  
Christopher H. Fox  
Alice Horowitz  
David Johnsen  
Patricia Miguez  
John Mitchell  
Linda Niessen  
*in memory of Dr. Giddon for his support  
of many graduate students at HSDM*  
Jacques Nör  
Mary Walker

## William J. Gies Society Members \$10,000 +

Mark Herzberg  
Effie Ioannidou  
Jane Weintraub and Chris Barker

## William Bowen Sustaining Society Frequent, consistent donors over a five-year period of a minimum donation of \$100 for each year.

Marcelo Araujo  
Erin Bumann  
Joel Bumgardner  
Marcela Carrilho  
William Carroll  
Benjamin Chaffee  
Brian Clarkson  
Matthew Doyle  
Christopher H. Fox  
Christine Halket  
Hatice Hasturk  
Mark Herzberg  
David Johnsen  
Linda Kaste  
James Lipton  
Sally Marshall  
Grayson Marshall  
Athena Papas  
Sheila and Scott Riggs  
Martha Somerman  
Thankam Thyvalikakath  
Mary Walker  
Jane Weintraub  
J. Timothy Wright  
Kenneth Yamada

# DONORS

## AADO CR Legacy Society

*established by Sharon K.  
Grayden and Stephen C. Bayne*



Marcelo W.B. Araujo



Sharon K. Grayden and Stephen C. Bayne



Sheila M. Riggs and Scott A. Riggs

*AADO CR appreciates the generosity  
of its donors and wants to recognize  
everyone accordingly. If an error has  
inadvertently been made, please contact  
AADO CR at [research@aadocr.org](mailto:research@aadocr.org)*

# 54<sup>TH</sup> ANNUAL MEETING & EXHIBITION

The 54<sup>th</sup> Annual Meeting of the AADOCR was held in conjunction with the 49<sup>th</sup> Annual Meeting of the Canadian Association for Dental Research on March 12-15, 2025. The event 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 Statistics

- 2,303 Total Attendees
- 34 Countries Represented
- 290 Oral Presentations
- 1,295 Poster Presentations
- 3 Distinguished Lecture Series Presentations
- 6 Hand-on Workshops
- 45 Symposia
- 2 Satellite Symposia
- 6 Industry-sponsored Symposia
- 10 Corporate Exhibit Booths
- 39 Institutional Exhibit Booths

## Distinguished Lecture Series



### Eduardo L. Franco

McGill University  
*The Journey to Preventing HPV Infection: Promises and Challenges*  
**Wednesday, March 12**



### Abigail Tucker

King's College London  
*Understanding Dental and Craniofacial Birth Defects Using Diverse Animal Models*  
**Thursday, March 13**



### Kim Lewis

Northeastern University  
*Persister Cells and Antibiotic Discovery*  
**Friday, March 14**

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

On Saturday, March 15, AADOCR's Committee on Diversity and Inclusion (CDI) hosted a symposium session reflecting the need to emphasize diversity in the 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. It 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.



Jennifer Webster-Cyriaque was installed as the 54<sup>th</sup> AADOCR President, but had to step down due to being appointed Acting NIDCR Director. Per the AADOCR Constitution, the past president serves as president.

## Meeting Within a Meeting: Research Innovation and Entrepreneurship

The 2025 AADOCR/CADR Annual Meeting continuation of the Meeting Within a Meeting initiative had the objective of introducing attendees to the fundamentals of dental innovation and entrepreneurial management to increase understanding of the requirements and challenges in this area. These sessions provided opportunities for attendees to consider how entrepreneurship and innovation processes may impact their future research careers and how SBIR and STTR grant funding opportunities offer small business entrepreneurs a chance to obtain non-dilutive funding for early-stage research and development.

# AADOCR WEBINARS

The IADR Webinar & CE On Demand Library allows users to participate in upcoming live webinars and view our growing portfolio of content. Members can submit a webinar proposal at any time for consideration. 2025 AADOCR webinars have included:

## From Campus to Capital: The Role of Advocacy in Advancing Dental Health

Sponsored by the AADOCR National Student Research Group

September 22, 2025

Hosted by Lauren Kress, the 2025 AADOCR Gert Quigley Government Affairs Fellow, this session offered an inside look at the federal legislative process and its impact on oral health research and care. This webinar, hosted on behalf of the AADOCR National Student Research Group, was open to all students interested in advocacy and the impact of public policy on oral health research and care. Whether your focus is research, clinical care, or policy, this session offered valuable insights into how advocacy can drive meaningful change in our field.

## Next-Gen Dental Scientists: Exploring PhD and Specialty Dual Pathways

Sponsored by the AADOCR National Student Research Group

June 17, 2025

In this webinar, participants learned about UCLA's Dental Specialty/Ph.D. Program (DSPP), an NIH-funded opportunity that allows dental graduates to complete both a specialty certificate and a Ph.D., UNC's Specialized Training Tracks, which support research-focused career paths during and after dental school, and Harvard's DMSc and Specialty combined program. It covered what each program offers, who it's for, and how to apply. This session helped anyone just starting to explore research, or already considering a dual path, to see what's possible beyond dental school.

## Evidence Based Dentistry: Fundamentals and Implementations in Clinical Practice

Sponsored by the AADOCR & CADR National Student Research Groups

March 25, 2025

Scientific evidence is the foundation of clinical practice, and Evidence-Based Dentistry integrates three key pillars: the best current research evidence, the clinician's expertise, and the patient's values and preferences. This model ensures that clinical decisions are not based solely on tradition or personal experience but are supported by high-quality evidence while considering the unique needs and expectations of each patient. As oral health professionals, it is crucial to develop the skills needed to critically evaluate and apply research findings in clinical practice. This session provided the essential knowledge and practical strategies to implement Evidence-Based Dentistry in clinical practice, ensuring better patient care and informed decision-making.



# ADVOCACY AND GOVERNMENT AFFAIRS



Left to right: Cameron Randall, Ann Decker, Olga Baker, Nick DiLorenzo (Legislative Asst. to Rep. Mike Simpson, DDS), Yehuda Sugarman, Christopher Fox

## AADOCR Statement on Executive Order Politicizing NIH Grant Review

In August, AADOCR issued a statement opposing the Trump administration's Executive Order, "Improving Oversight of Federal Grantmaking," which would allow political appointees to review and influence federal grant funding decisions. This directive threatens the integrity of the scientific funding process by inserting political considerations into a system that must remain objective, expert-driven, and transparent. AADOCR urged the Administration to rescind this harmful directive and reaffirm its commitment to protecting the independence of science and the efficiency of the peer review system that drives U.S. biomedical innovation.

## AADOCR Statement on International Student Visa Interviews Pause

In June, AADOCR released a statement strongly opposing the Trump Administration's recent decision to pause new international student visa interviews to allow for additional vetting. The directive, instructing U.S. embassies to stop scheduling appointments for students and exchange visitors applying for F, M and J visas, will hinder our ability to attract the brightest scientific minds to pursue research and training here. Selectively targeting students, who contribute significantly to U.S. research and innovation, sends a message of instability to prospective scholars and young scientists worldwide. International students bring fresh perspectives that

help fuel innovation in research, advance healthcare breakthroughs, and strengthen our economy. AADOCR urged the Administration to reverse this harmful policy and restore the free exchange of students and researchers across borders so that the U.S. remains a global leader in science and biomedical discovery.

## AADOCR Urges Congress to Reject White House Budget, Preserve Independent NIDCR

In May, AADOCR released a statement in response to President Trump's FY2026 budget proposal, which includes steep cuts to the NIH and to other federal agencies, as well as a sweeping reorganization of the NIH that would consolidate its 27 institutes, including the NIDCR, a move that would vastly diminish its unique role advancing our

understanding of the fundamental causes of oral diseases and conditions, and transforming the delivery of oral health care. The proposal would also eliminate the CDC Division of Oral Health, which plays a vital role in improving oral health outcomes by promoting evidence-based interventions like dental sealants, fluoridated water, and infection prevention guidelines for dental offices. AADOCR urged Congress to reject the proposed cuts to NIH, CDC, and other federal research and science agencies, and to ensure that any structural changes to NIH only occur after an open and transparent process that includes input from a variety of key stakeholders both from within the NIH as well as the broader research community.

## 2025 AADOCR/FNIDCR/ADEA Advocacy Day

On April 3, 2025, AADOCR, along with the American Dental Education Association and the Friends of National Institute of Dental and Craniofacial Research joined forces for the 2025 Advocacy Day, an annual event that brings together dental researchers, scientists, educators, students, and other oral health advocates to Capitol Hill to raise the visibility of oral health, champion NIDCR-funded research, and promote investment in dental education and training programs. This year's event attracted around 75 participants from 23 states who traveled to Washington, D.C. to spend the day meeting with their elected officials and other policymakers on Capitol Hill. The advocates educated Congress about the importance of our nation's investment in biomedical research at the NIH and

NIDCR, and federal oral health training and workforce programs. They also requested support for the Resident Education Deferred Interest Act, legislation that will bolster the dental workforce by allowing medical and dental students to defer their federal student loans interest-free during their residency or internships.

## AADOCR Statement on Devastating HHS Job Cuts

In April, AADOCR issued a statement strongly disapproving of the U.S. Department of Health and Human Services (HHS) unprecedented mass layoffs of the federal health workforce. In March, HHS announced it would be reducing its full-time employees by nearly 25%, including cuts at CDC, CMS, FDA, and NIH. Although the initial HHS announcement outlined that the NIH cuts of 1,200 employees primarily affect centralizing procurement, human resources, and communications, STAT news reported a much broader and more troubling reality. The layoffs included NIH institute directors, senior lab leaders, and scientists conducting critical research in areas such as sickle cell, neurologic disorders, and pandemic preparedness.

## New NIH Indirect Costs Guidance

In February, AADOCR President Effie Ioannidou and CEO Christopher Fox issued a statement regarding a new policy cutting Facilities and Administrative (F&A) or indirect costs to 15% on all new and existing NIH Awards. This rate is far below what universities have previously negotiated with the NIH and would cripple the research enterprise in this country and endanger America's global leadership in innovation. F&A costs of research are integral to successfully completing research grants and sustaining research excellence. The AADOCR called on the NIH to immediately withdraw this Notice and return to the previously negotiated F&A rates.

# RESEARCH BREAKTHROUGHS

IADR and AADOCR jointly own and publish the *Journal of Dental Research (JDR)*, *JDR Clinical & Translational Research (JDR CTR)*, and *Advances in Dental Research* through SAGE Publishing.



## Global, Regional, and Country-Level Economic Impacts of Oral Conditions in 2019

*J Dent Res* 104(1): 17-21.  
doi: 10.1177/00220345241281698  
M. Jevdjevic, S. Listl

## Streptococcus mutans and Caries: A Systematic Review and Meta-Analysis

*J Dent Res* 104(6): 594-603.  
doi: 10.1177/00220345241303880  
D. Mazurel, B.W. Brandt, M. Boomsma, et al.

## Dental Composite Performance Prediction Using Artificial Intelligence

*J Dent Res* 104(5): 513-521.  
doi: 10.1177/00220345241311888  
K. Paniagua, K. Whang, K. Joshi, H. Son, Y.S. Kim, M. Flores

## Dasatinib and Quercetin Limit Gingival Senescence, Inflammation, and Bone Loss

*J Dent Res* 104(4): 419-427.  
doi: 10.1177/00220345241299789  
K. Rattanaprukskul, X-J Xia, M. Hysa, et al.

## Effect of Autologous Concentrated Growth Factor in Regenerative Dentistry: A Systematic Review and Meta-Analysis

*JDR Clin Trans Res.*  
doi: 10.1177/23800844251325532  
A.A. Alshirah, et al.

## Water Fluoridation and Dental Caries Prevention Globally: A Systematic Review and Meta-Analysis

*JDR Clin Trans Res.*  
doi: 10.1177/23800844251342804  
C.F.D. Nascimento, et al.

## The Medical Necessity of Orthodontic Care: A Qualitative Study

*JDR Clin Trans Res.*  
doi: 10.1177/23800844251355270  
D. Richmond, et al.

## Arginine Dentifrices and Childhood Caries Prevention: A Randomized Clinical Trial

*JDR Clin Trans Res.*  
doi: 10.1177/23800844251361471  
W. Yin, et al.



# 2025 CONTRIBUTORS

## Contributors

American Academy of Periodontology

CareQuest Institute for Oral Health

Colgate-Palmolive Company

Delta Dental

Dentsply Sirona

Haleon

J. Morita

Kenvue

Kuraray Noritake

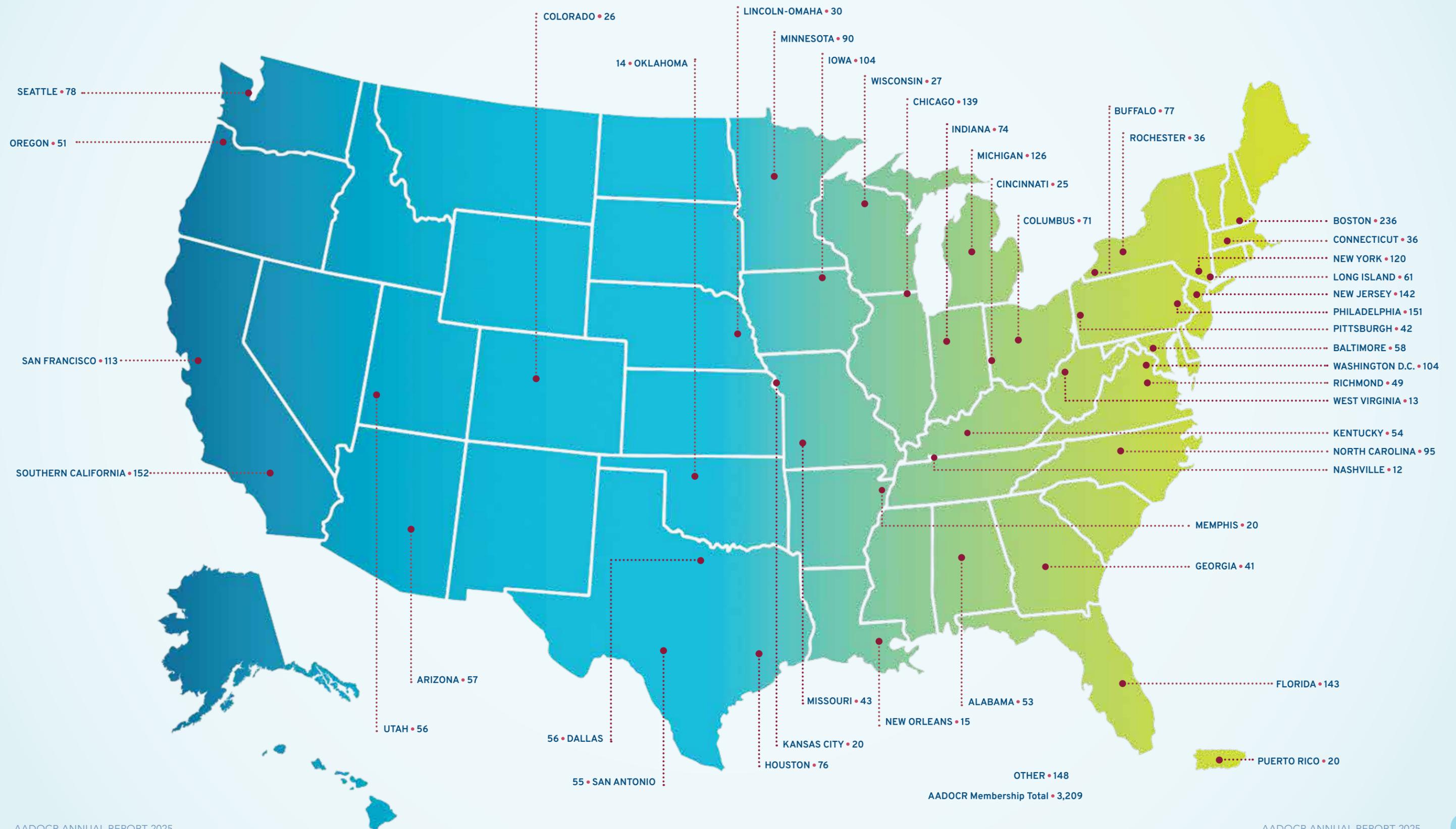
National Institute of Dental and Craniofacial Research

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

Shofu

Solventum

# MEMBERSHIP



# AWARDS

AAOOCR funded and administered approximately \$249,000 in the following awards and fellowships in 2025.

## AAOOCR Honorary Membership

U.S. Senator Ben Cardin Maryland

## AAOOCR Distinguished Scientist Award

Supported by Haleon

**John Featherstone**, University of California,

San Francisco

## AAOOCR Presidential Citations

**Judith Albino**, University of Colorado, Aurora

**William Giannobile**, Harvard University, Boston, MA

## AAOOCR Irwin D. Mandel

### Distinguished Mentoring Award

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

## AAOOCR Jack Hein Public Service Award

**Katherine Hammitt**, Sjögren's Foundation, Reston, VA

## NSRG Mentor of the Year Award

**Lydia M. Lopez Del Valle**, University of Puerto Rico, San Juan

## AAOOCR 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, New York

**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

**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

**Johanny Thai**, University of California, Los Angeles

**Ngoc-Thanh Tieu**, University of California,

San Francisco

**Amy Tran**, UTHealth Houston

**Kristopher Wieland**, UTHealth San Antonio

**Micah Willis**, University of Florida, Gainesville

## AAOOCR Student Research

### Day Award Winners

**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 at Baltimore

**Sarah Heis**, 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

**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

## SCADA Competition

Supported by Dentsply Sirona and AAOOCR

## Clinical Research and Public Health Category

### 1<sup>st</sup> Alex Matthews

*Dental Hygienists' Awareness and Support for Emerging Oral Health Personnel*

Case Western Reserve University, Cleveland, OH

### 2<sup>nd</sup> Migelle Paolo Orobia

*Repair of Carious Affected and Infected Dentin by Remineralization With PILP*

University of California, San Francisco

### 3<sup>rd</sup> John Woodward

*Traces of Glandular Odontogenic Cysts in Dentigerous Cysts: A Clinicopathologic Analysis*

University of Tennessee Health Science

Center, Memphis

## Basic and Translational Science Category

### 1<sup>st</sup> Sarah Aitken

*Roles of Streptococcal Agl/III Adhesins in Early Oral Biofilm Formation*

University of Minnesota, Minneapolis

### 2<sup>nd</sup> Daniel Thomas Fleming

*Identification of ADAM10 Partner Proteins and Substrates During Enamel Formation*

The Ohio State University, Columbus

### 3<sup>rd</sup> Jonathan Banks

*NG2/CSPG4 Modulates the Biomineralization of Mandibular Fracture Healing*

University of Illinois Chicago

## AAOOCR Hatton Award Competition

### Junior Category

#### 1<sup>st</sup> Rachel Kulchar

*Single Cell and Spatial Analyses of ICI-Induced Granulomatous Sialadenitis*

National Institute of Dental and Craniofacial

Research, Bethesda, MD

#### 2<sup>nd</sup> Saba Manafi

*Functional Assessment of an Oculo-auricular-vertebral Spectrum*

Associated Variant in Zebrafish

University of Iowa, Iowa City

### Senior Category

#### 1<sup>st</sup> Samuel Swearson

*New Models and Treatments for Craniosynostosis*

University of Iowa, Iowa City

#### 2<sup>nd</sup> Vasileios Theofilou

*Spatial Compartmentalization of Cellular Networks Within the Immune-Active Gingival Barrier*

University of Maryland, Baltimore

## Post-doctoral Category

### 1<sup>st</sup> Peng Chen

*Suture-Dura Interaction Supports Coronal Suture Regeneration in Craniosynostosis*

Herman Ostrow School of Dentistry of USC

### 2<sup>nd</sup> Mauricio Sousa

*High-Fidelity Model Mimicking Osteocyte Differentiation and Osteoclastogenesis on-a-Chip*

Oregon Health & Science University, Portland

## AAOOCR Joseph Lister Competition

Supported by Kenvue

### 1<sup>st</sup> Hiroki Ueharu

*Ectopic X-Chromosome Inactivation Develops Craniofacial Anomalies in a Sex-Independent Manner*

University of Michigan, Ann Arbor

### 2<sup>nd</sup> Hyuk-Jae (Edward) Kwon

*Histone Methyltransferase Mll4 Drives Transcriptional Activation and Cell Differentiation in Tooth Development*

University at Buffalo, NY

## AAOOCR NSRG 411 Rapid Research Competition

### Basic Science Category

#### 1<sup>st</sup> Xiaoyuan Yang

*Bioactive Glue for In-Situ Regeneration of Perforated TMJ Disc*

Columbia University Irving Medical Center

#### 2<sup>nd</sup> Matthew Yee

*Modulation of Chondrocyte Senescence for the Treatment of Osteoarthritis*

Columbia University

#### 3<sup>rd</sup> Iram Elamin

*Trb3-Directed Therapy Promotes Bone Regeneration in Osteoporosis*

University of Maryland Eastern Shore

## AAOOCR 411 Rapid Research Competition

### Clinical/Public Health Category

#### 1<sup>st</sup> Ahmed Yacoub

*Semiconductor Dielectric Coatings on Cranial Implants Boost Osteogenesis and Rapid Bone Apposition*

University of Texas at Arlington

#### 2<sup>nd</sup> Peyton Maccarone

*Stability of Le Fort III Distraction Osteogenesis in Syndromic Craniosynostosis*

University of Pennsylvania School of

Dental Medicine

### 3<sup>rd</sup> Anny Yang

*Parental Preference for Telehealth Post-Operative Dental Visit Following DRGA*

University of California, San Francisco

## AAOOCR NSRG Rising Researcher Poster Competition (RRPC) NEW!

### 1<sup>st</sup> Isabella Ho

*A Novel Chemically-Modified-Curcumin Reduces MMP-9 Levels Through P38 MAPK Pathway*

Stony Brook University, NY

## AAOOCR Anne D. Haffajee Fellowship

Supported by an endowment created

for Anne D. Haffajee

**Ozge Erdogan**, Harvard University, Boston, MA

## AAOOCR William B. Clark Fellowship

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

**Jay Patel**, Temple University, Philadelphia, PA

## AAOOCR William Butler Fellowship

Supported by an endowment created for

William Butler

**Emily Chu**, University of Maryland at Baltimore

## AAOOCR P&G New Faculty

### Research Fellowship

Supported by P&G Professional Oral Health,

Crest + Oral-B

**Paula Ortega-Verdugo**, University of California,

Los Angeles

## AAOOCR Student Research Fellowships

Supported by American Academy of Periodontology, Colgate-Palmolive, P&G Professional Oral Health,

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AAOOCR members

**Jessie Alfaro**, UTHealth at San Antonio

**Dayoon Chang**, University of Pennsylvania, Philadelphia

**Harsh Chheda**, Columbia University, New York

**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

## AAOOCR Delta Dental Institute (DDI)- Oral Health Equity Research Award

Sponsored by Delta Dental Institute

### Award in Access to Care

**Heidi Longi**, University of Utah, Salt Lake City

**Jeri Bullock**, University of Utah, Salt Lake City

### Oral Health Literacy

**Kristin Hoelt**, University of California, San Francisco

## IADR/AAOOCR William J. Gies Awards

Supported by J. Morita Corporation

## Biological Research

*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. A

PTHrP Gradient Drives Mandibular Condylar

Chondrogenesis via Runx2. *J Dent Res* 103(1):91-

100, 2024

## Biomaterials & Bioengineering

*Rapid Intrafibrillar Mineralization Strategy Enhances Adhesive-Dentin Interface*

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

Intrafibrillar Mineralization Strategy Enhances

Adhesive-Dentin Interface. *J Dent Res*.103(1):42-

50, 2024

## Clinical Research

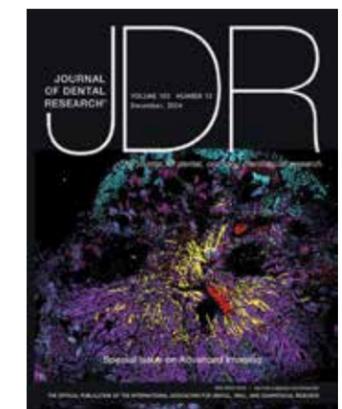
*Copy Number Alterations Predict Development of OSCC from Oral Leukoplakia*

X. Cai, J. Zhang, L. Li., et al. Copy Number

Alterations Predict Development of OSCC from

Oral Leukoplakia. *J Dent Res*.103(2):138-146, 2024

## IADR/AAOOCR Journal of Dental Research "Cover of the Year, 2024"



*Improved Visualization of Oral Microbial Consortia*  
S.T. Ramirez-Puebla, J.L. Mark Welch, G.G. Borisov  
*J Dent Res*, 103 (13): 1421-1427, 2024

# 2025-2026 AADOCR COMMITTEES

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 John Mitchell (2027)  
 Se-Lim Oh (2026)  
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 Shillpa Naavaal (2026)  
 Cristina Vidal (2028)  
 Mateusz Wietecha (2028)  
 Yingzi Yang (2028)

## National Student Research Group Faculty Advisors

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 Carmem Pfeifer (2027)

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 Grace De Souza (2028)  
 Liran Levin (2028)  
 Leon Prentice (2028)  
 Georgios Romanos (2028)  
 Arvind Babu Rajendra Santosh (2026)  
 Annie Shrestha (2028)  
 Xinyun Su (2028)

## IADR/AADOCR Tellers

Alexandra Pierre-Bez (2026), Chair  
 Yeon-Hee Lee (2027)  
 Michael Sela (2028)

## Distinguished Scientist Award

Alexandre Vieira (2030), Chair  
 Mark Herzberg (2027)  
 Jacques Nör (2028)  
 Jane Weintraub (2029)  
 Tim Wright (2026)

## Honorary Membership Committee

Jacques Nör (2026), Chair  
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 Jane A. Weintraub (2027)

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 Alexandre Vieira (2026), AADOCR Representative (2026)  
 Purnima Kumar, AADOCR Representative (2026)  
 Abraham Schneider, AADOCR Representative (2027)  
 Ariadne Letra, AADOCR Representative (2028) (elected)  
 Wei Ji, IADR Representative (2026) (Chinese Division)  
 Meisser Madera, IADR Representative (2027), (Colombian Division)  
 Vijay Mathur, IADR Representative (2028) (Indian Division),  
 Nick Jakubovics, (British Division) Editor-in-Chief, *Journal of Dental Research*, *ex officio*  
 Falk Schwendicke, Associate Editor, *Journal of Dental Research*, (Continental European Division), *ex officio*  
 Gustavo Garlet, Associate Editor, *Journal of Dental Research* (Brazilian Division), *ex officio*

Jacques Nör, Associate Editor, *Journal of Dental Research* AADOCR, *ex officio*

Joy Richman, Associate Editor, *Journal of Dental Research* (Canadian Division), *ex officio*

Dana Graves, Associate Editor, *Journal of Dental Research* (American Division), *ex officio*

Ana Paula Colombo, Associate Editor, *Journal of Dental Research* (Brazilian Division), *ex officio*

Carmem Pfeifer, Associate Editor, *Journal of Dental Research* (American Division), *ex officio*

Jocelyne Feine, Editor-in-Chief, *JDR Clinical & Translational Research* (Canadian Division), *ex officio*

Vanessa Muirhead, Associate Editor, *JDR Clinical & Translational Research* (British Division), *ex officio*

Christopher H. Fox, IADR/AADOCR Chief Executive Officer AADOCR, *ex officio*

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**Board Member**  
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**Student Representative**  
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# NATIONAL STUDENT RESEARCH GROUP

The AADOCR National Student Research Group (NSRG) is a student-run organization whose main purpose is to foster an environment in every dental school whereby students interested in enriching their dental education through research is encouraged to do so. It is comprised of a network of self-governing local student research group (SRG) chapters at each dental school and is led nationally by officers elected through and then majority of votes from all members. It provides a wide variety of career development, leadership, and networking opportunities for students in all stages of their education including pre-dental, dental, Master's, PhD, dual degree, residency, and postdoctoral research.

## NSRG Webinars

The AADOCR NSRG hosted three important webinars in 2025 to help fellow students gain a competitive edge in their academic and professional careers:

- **From Campus to Capital: The Role of Advocacy in Advancing Dental Health**  
September 22, 2025
- **Next-Gen Dental Scientists: Exploring PhD and Specialty Dual Pathways**  
June 17, 2025
- **Evidence Based Dentistry: Fundamentals and Implementations in Clinical Practice**  
March 25, 2025

## NSRG at the General Session

The NSRG provided opportunities for students to have valuable conversations at the 2025 AADOCR/CADR Annual Meeting through a Symposium, "GenNext: Oral Health Research by Trainees and Early Career Scientists" and a Hands-on Workshop, "Building your Scientific Brand: Tips for Scientific Communication and Presenting."

## NSRG Mentor of the Year Award

Lydia M. Lopez Del Valle of the University of Puerto Rico, San Juan was named the 2025 NSRG Mentor of the Year. This award was established to provide national recognition for outstanding faculty mentors.

## Outstanding Local Student Research Group Award

The 2025 AADOCR NSRG Outstanding Local Student Research Group Award was presented to the University of Puerto Rico. This award recognizes a SRG that has excelled in all categories of a successful SRG.

## AADOCR NSRG 411 Rapid Research Competition

The winners of the 411 Rapid Research Competition were recognized at the 2025 AADOCR/CADR Annual Meeting & Exhibition. The competition is an opportunity for pre-doctoral dental students to grow their ability to communicate their science to a non-scientific audience. The award consists of two categories, basic science and clinical/public health, and applicants were judged by NSRG officers.

## Basic Science Category Winners:

- 1<sup>st</sup> **Xiaoyuan Yang**,  
Columbia University  
*Bioactive Glue for In-Situ Regeneration of Perforated TMJ Disc*
- 2<sup>nd</sup> **Matthew Yee**,  
Columbia University  
*Modulation of Chondrocyte Senescence for the Treatment of Osteoarthritis*
- 3<sup>rd</sup> **Iram Elamin**,  
University of Maryland  
*Trb3-Directed Therapy Promotes Bone Regeneration in Osteoporosis*

## Clinical/Public Health Category Winners:

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

# NATIONAL STUDENT RESEARCH GROUP

## AADOCR NSRG Rising Researcher Poster Competition **NEW!**

With the backing of the AADOCR Board of Directors, the NSRG launched the Rising Researcher Poster Competition at the 2025 AADOCR/CADR Annual Meeting in New York. This new student presentation competition is aimed at pre-dental students prior to their enrollment in a graduate or professional program.

The NSRG leadership noticed that numerous awards existed for professional (e.g. dental) students and graduate students, however, these are perceived as having high barriers to entry for very early career researchers. There are no existing awards advertised exclusively for pre-dental students prior to enrollment in a graduate or professional program. Competitions for pre-dental students –likely attending their first conference– should have as low of a barrier to entry as possible to incrementally build confidence and community. Thus, the Rising Researcher Poster Competition was born!

### 2025 Winner

**Isabella Ho,**

Stony Brook University

*A Novel Chemically-Modified-Curcumin Reduces MMP-9 Levels Through P38 MAPK Pathway*

## NSRG Board of Directors 2025-26

### President

**Caris Smith**

### President-elect

**Drashty Mody**

### Vice President

**Jonathan Banks**

### Vice President-elect

**Rachel Kulchar**

### Immediate Past President

**Shawn Hallett**

### Secretary

**Aleena Rajeev**

### Secretary-elect

**Cassandra Villani**

### Member-at-Large

**Sarah Aitken**

### Member-at-Large

**Aleena Defreitas**

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### Graduate Student Representative

**Skylar McGaughey**

### Graduate Student Representative-elect

**David Cruz Walma**

### Faculty Advisor

**Brian Foster**

### Faculty Advisor

**Carmem Pfeifer**

# CORPORATE & INSTITUTIONAL SECTION MEMBERS

## 2025 AADOCR Institutional Section Members

### PRESIDENT'S CIRCLE LEVEL

ADA Forsyth Institute  
 A.T. Still University - Arizona School of Dentistry and Oral Health  
 A.T. Still University - Missouri School of Dentistry and Oral Health  
 Boston University Henry M. Goldman School of Dental Medicine  
 Columbia University  
 Dental College of Georgia at Augusta University  
 East Carolina University  
 Harvard University  
 Herman Ostrow School of Dentistry of USC  
 Howard University  
 Indiana University  
 Kansas City University  
 Lake Erie College of Osteopathic Medicine  
 Lincoln Memorial University College of Dental Medicine  
 Loma Linda University  
 Louisiana State University  
 Marquette University  
 Medical University of South Carolina  
 Meharry Medical College  
 Midwestern University College of Dental Medicine - Arizona  
 Midwestern University College of Dental Medicine - Illinois  
 New York University  
 Nova Southeastern University  
 Oregon Health & Science University  
 Pacific Northwest University of Health Sciences  
 Roseman University of Health Sciences  
 Rutgers School of Dental Medicine  
 Southern Illinois University  
 Stony Brook University  
 Temple University  
 Texas A&M University  
 The Ohio State University  
 Touro College and University System  
 Tufts University  
 University at Buffalo  
 University of Alabama at Birmingham  
 University of California - Los Angeles  
 University of California - San Francisco  
 University of Colorado  
 University of Connecticut  
 University of Florida  
 University of Illinois Chicago  
 University of Iowa  
 University of Kentucky  
 University of Louisville  
 University of Maryland Baltimore  
 University of Michigan

University of Minnesota  
 University of Missouri - Kansas City  
 University of Nebraska  
 University of Nevada - Las Vegas  
 University of New England  
 University of North Carolina  
 University of Oklahoma  
 University of Pennsylvania  
 University of Pittsburgh  
 University of Rochester - Eastman Institute for Oral Health  
 University of Tennessee Health Science Center  
 University of the Pacific  
 University of Utah  
 University of Washington  
 UTHHealth Houston  
 UTHHealth San Antonio  
 Virginia Commonwealth University - VCU/MCV  
 Western University of Health Sciences  
 West Virginia University

### LEADERSHIP LEVEL

American Dental Association  
 American Dental Education Association  
 CareQuest Institute for Oral Health  
 Delta Dental Institute  
 Smile Train

### REGULAR LEVEL

Adenoid Cystic Carcinoma Research Foundation  
 American Behcet's Disease Association  
 American Chronic Pain Association  
 American Cleft Palate-Craniofacial Association  
 Ameriface  
 Association of Maternal/Child Health Programs  
 CCD Smiles  
 Children's Craniofacial Association  
 Ear Community  
 FACES: The National Craniofacial Association  
 FD/MAS Alliance  
 Gerontological Society of America  
 Head and Neck Cancer Alliance  
 HOPE:For Burning Mouth Syndrome  
 International Foundation for Autoimmune Arthritis  
 International Pemphigus & Pemphigoid Foundation  
 Lupus and Allied Diseases Association, Inc.  
 Lupus Foundation of America  
 Lymphangiomas & Gorham's Disease Alliance (LGDA)  
 Moebius Syndrome Foundation  
 MyFace  
 National Foundation for Ectodermal Dysplasias  
 National Healthy Mothers, Healthy Babies Coalition  
 Oral Lichen Planus Support Group

Oral Cancer Foundation  
 Osteogenesis Imperfecta Foundation  
 Relapsing Polychondritis Awareness & Support Foundation  
 Scleroderma Foundation  
 Sjogren's Foundation  
 Soft Bones, Inc., The US Hypophosphatasia Foundation  
 Special Olympics  
 Support for People with Oral, Head and Neck Cancer  
 Task Force on Design and Analysis, Inc.  
 The Marfan Foundation  
 The TMJ Association, Ltd.  
 Thyroid, Head and Neck Cancer Foundation  
 Wide Smiles

## 2025 AADOCR Corporate Section Members

### PRESIDENT'S CIRCLE LEVEL

Colgate-Palmolive Company  
 Dentsply Sirona  
 GC America, Inc.  
 Haleon  
 Kenvue  
 Kuraray America, Inc.  
 P&G Professional Oral Health, Crest+Oral-B

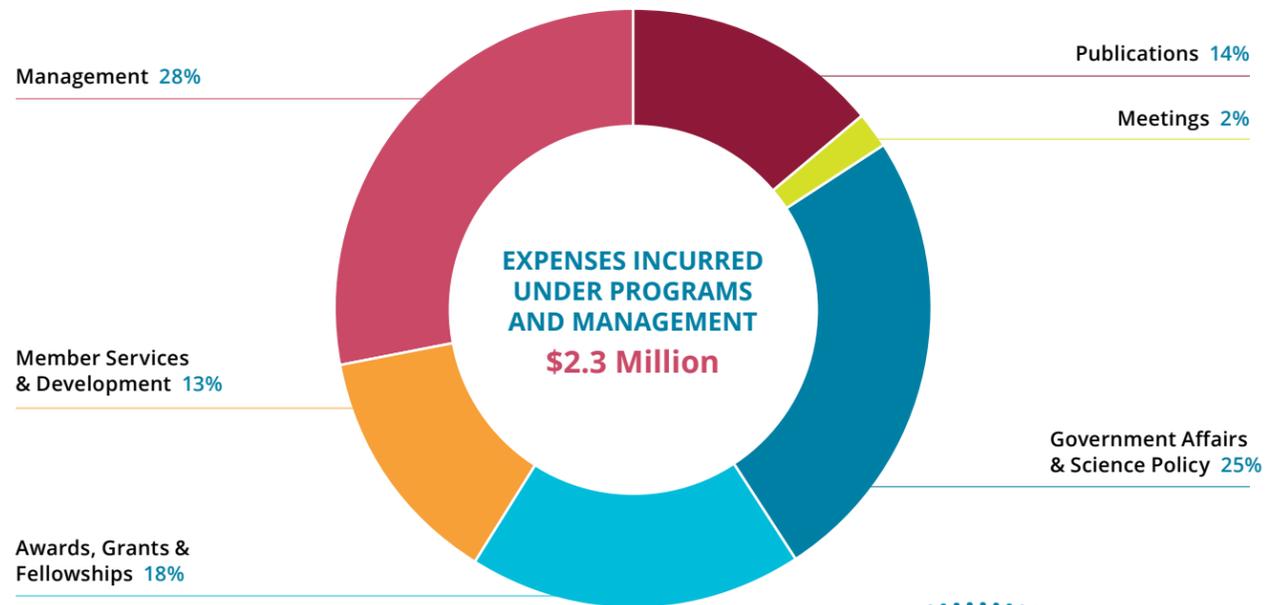
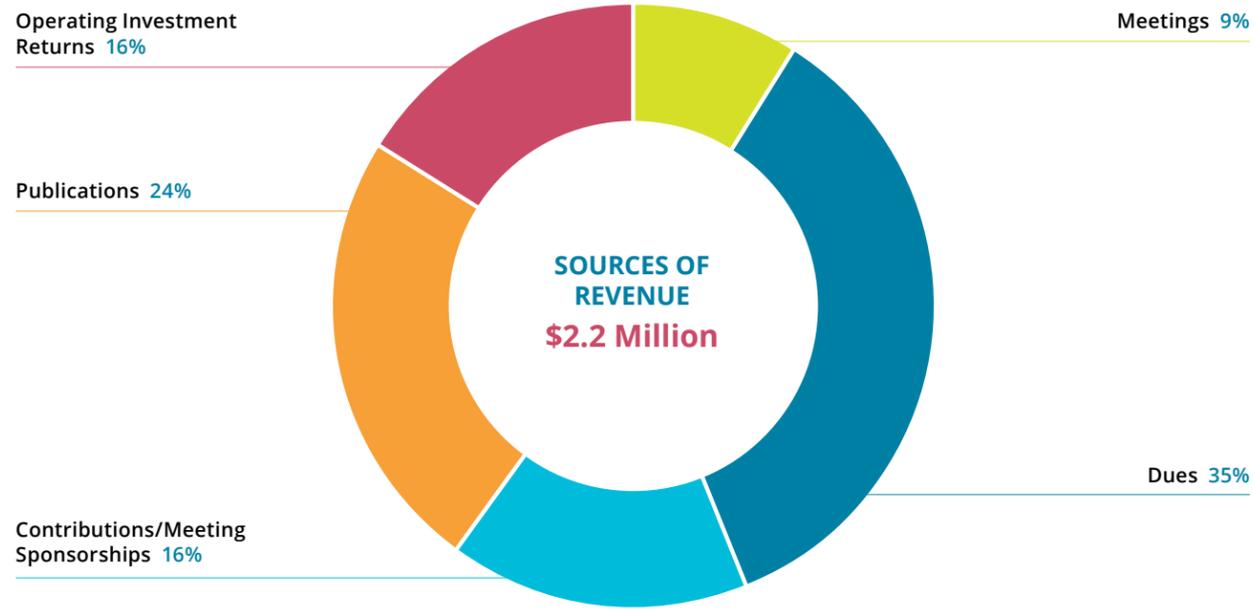
### LEADERSHIP LEVEL

Solventum  
 Ivoclar Vivadent, Inc.  
 SDI Limited

### REGULAR LEVEL

Henry Schein, Inc.

## 2024 OPERATIONAL HIGHLIGHTS



## STATEMENT OF FINANCIAL POSITION

December 31, 2024

(With Comparative Totals as of December 31, 2023)

	2024	2023
<b>ASSETS</b>		
<b>Current Assets</b>		
Cash and Cash Equivalents	\$ 108,309	\$ 41,024
Accounts Receivable	44,826	55,367
Contributions Receivable	93,267	95,824
Prepaid Expenses and Other Current Assets	736,019	184,766
<b>Total Current Assets</b>	<b>982,421</b>	<b>376,981</b>
<b>Investments</b>		
Investment in Deferred Compensation	573,826	461,505
<b>Total Assets</b>	<b>\$ 11,079,556</b>	<b>\$ 9,976,902</b>
<b>LIABILITIES AND NET ASSETS</b>		
<b>Current Liabilities</b>		
Accounts Payable and Accrued Expenses	\$ 33,113	\$ 75,993
Refundable Advances	70,000	-
Due to IADR	127,160	73,274
<b>Deferred Revenue</b>		
Member Dues	505,609	468,481
Annual Meeting	286,432	17,335
Publications	3,766	3,583
Total Deferred Revenue	795,807	489,399
<b>Total Current Liabilities</b>	<b>1,026,080</b>	<b>638,666</b>
Deferred Compensation Payable	573,826	461,505
<b>Total Liabilities</b>	<b>\$1,599,906</b>	<b>\$1,100,171</b>
<b>Net Assets</b>		
<b>Without Donor Restrictions</b>		
Undesignated	8,283,803	7,819,819
Board Designated	390,509	388,232
<b>Total Without Donor Restrictions</b>	<b>8,674,312</b>	<b>8,208,051</b>
<b>With Donor Restrictions</b>		
Purpose Restricted	373,997	289,173
Endowment Funds	431,341	379,507
<b>Total With Donor Restrictions</b>	<b>805,338</b>	<b>668,680</b>
<b>Total Net Assets</b>	<b>\$9,479,650</b>	<b>\$8,876,731</b>
<b>Total Liabilities and Net Assets</b>	<b>\$11,079,556</b>	<b>\$9,976,902</b>

# STATEMENT OF ACTIVITIES

For the Year Ended December 31, 2024

(With Comparative Totals for the Year Ended December 31, 2023)

	Without Donor Restrictions	With Donor Restrictions	2024 Total	2023 Total
<b>REVENUES</b>				
Membership Dues	\$ 719,401	\$ 39,873	<b>\$759,274</b>	\$ 734,202
Conference Registration	1,985	-	<b>1,985</b>	1,033,838
Exhibitors' Fees	-	-	-	53,742
Symposia	-	-	-	11,855
Division Share, Meeting Share, and Meeting Dividend	192,342	-	<b>192,342</b>	11,575
Royalties and Publishing	500,633	-	<b>500,633</b>	497,232
Advertising	18,636	-	<b>18,636</b>	21,517
Contributions and Sponsorships	-	343,492	<b>343,492</b>	644,267
Investment Return Designated for Current Operations	350,317	-	<b>350,317</b>	357,553
Miscellaneous	165	-	<b>165</b>	531
Net Assets Released from Restrictions	323,412	(323,412)	-	-
<b>Total Revenues</b>	<b>\$2,106,891</b>	<b>\$ 59,953</b>	<b>\$2,166,844</b>	\$3,366,312
<b>EXPENSES</b>				
<b>Program Services</b>				
<i>Journal of Dental Research</i> and Publishing	323,522	-	323,522	291,138
Annual Meeting and Symposia	39,293	-	39,293	1,328,601
Government Affairs and Science Policy	591,241	-	591,241	572,854
Awards, Grants, and Fellowships	420,701	-	420,701	479,674
Member Services and Other Programs	156,320	-	156,320	111,607
<b>Total Program Services</b>	<b>\$1,531,077</b>	-	<b>\$1,531,077</b>	\$2,783,874
<b>Supporting Services</b>				
Management and General Expenses	656,850	-	656,850	641,762
Membership Development	158,876	-	158,876	164,704
<b>Total Supporting Services</b>	<b>815,726</b>	-	<b>815,726</b>	806,466
<b>Total Expenses</b>	<b>\$2,346,803</b>	-	<b>\$2,346,803</b>	\$3,590,340
Change in Net Assets before Investment Gain (Loss)	(239,912)	59,953	(179,959)	(224,028)
Investment Gain in Excess of Amounts Designated for Current Operations	706,173	76,705	782,878	937,529
Change in Net Assets	466,261	136,658	602,919	713,501
Net Assets, Beginning of Year	8,208,051	668,680	8,876,731	8,163,230
<b>Net Assets, End of Year</b>	<b>\$8,674,312</b>	<b>\$805,338</b>	<b>\$9,479,650</b>	\$8,876,731

# FUTURE MEETINGS



The 55<sup>th</sup> Meeting of the AADOCR will be held in conjunction with the 104<sup>th</sup> General Session & Exhibition of the IADR and the 50<sup>th</sup> Meeting of the CADR on March 25-28, 2026 in San Diego, California.

## 2027

56<sup>th</sup> Meeting of the AADOCR  
51<sup>st</sup> Meeting of the CADR  
**Minneapolis, MN**  
**March 17-20, 2027**

## 2028

106<sup>th</sup> General Session & Exhibition of the IADR  
57<sup>th</sup> Meeting of the AADOCR  
52<sup>nd</sup> Meeting of the CADR  
**Baltimore, MD**  
**March 14-18, 2028**

# STAFF

**Christopher H. Fox**

Chief Executive Officer

**Jean Austin**

Meetings & Exhibits Manager

**Isabel Bishop**

Publications Coordinator

**Heylyn Bustamante**

Membership & Registration Coordinator

**Makyba Charles-Ayinde**

Director of Science Policy

**Christopher Flow**

Assistant Director, Digital Strategy & Operations

**Taita Gilde**

AMER & APR Coordinator

**Sheri S. Herren**

Director of Strategic Programs

**Riana Hirschler**

Component Relations Coordinator

**Fabiana Izabel**

LAR & PER Coordinator

**Taylor Malloy**

Digital Content Coordinator

**Brenda Marie Moreno**

Executive Assistant to the Chief Executive Officer

**Beatrice Nguyen**

Assistant Manager, Awards, Fellowships, & Grants

**Matt Niner**

Membership & Marketing Manager

**Aubrey Palar**

Membership Engagement Manager

**Pete Quinlivan**

Chief Financial Officer

**Tonya L. Robertson**

Senior Accountant

**Conner Roy**

Scientific Content Coordinator

**Kourtney Skinner**

Director of Meetings & Scientific Content

**Denise Streszoff**

Chief Operating Officer

**Yehuda Sugarman**

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**AADOCR**  
American Association for Dental,  
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