

Science Advocate



DRIVING DENTAL, ORAL, AND CRANIOFACIAL RESEARCH

September 2023

Events | Advocacy | Publications | News
Funding Opportunities | Donate

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IN THIS ISSUE...

- NSRG Webinar: How AADOCR Can Help Pre-dental Students
- Video Discussion: Special JDR Issue on Aging and Oral Health
- The New IADR Community is Now Live!

IMPORTANT DATES

September 15

Deadline for Distinguished
Scientist Awards Nominations

September 20

Webinar: How AADOCR Can
Help Pre-dental Students

September 27

Session Proposal Deadline - 2024
IADR/AADOCR/CADR
General Session

EVENTS



IADR GENERAL SESSION

NEW ORLEANS, LA, USA · MARCH 13-16, 2024

102ND GENERAL SESSION & EXHIBITION OF THE IADR

53RD ANNUAL MEETING OF THE AADOCR

48TH ANNUAL MEETING OF THE CADR



Present Your Latest Research!

If you are interested in presenting a Symposium, Hands-on Workshop, Lunch & Learning Session, or Satellite Symposium at the [2024 IADR/AADOCR/CADR General Session & Exhibition](#), please review the links below for additional information.

- [Guidelines for Session Proposals](#)
- [How to Access ScholarOne Submission System for Session Proposals](#)
- [2024 General Session Home Page](#)

[Session Proposals](#)

[Abstracts](#)

Reminder: Don't forget to collect your co-authors' long term email addresses and most up-to-date affiliation information when you circulate your abstract for review!

DEADLINES

- Session Proposal Submission: **September 27, 2023** at 11:59 p.m. PT
- Abstract Submission: **October 17, 2023** at 11:59 p.m. PT

For more information, visit: <https://www.iadr.org/events/2024iags>

EXHIBITS & SPONSORSHIP

Exhibit sales open mid-September! We will be sending notifications soon, or you can email exhibits@iadr.org for more information. Don't miss this unique opportunity to forge new connections

with decision makers who approve product development and R&D budgets for new dental, oral, and craniofacial products!



Learn more by visiting our [Exhibits & Sponsorship](#) page.

HELP FUND YOUR TRAVEL

Apply for the following travel awards when submitting your abstract:

- [AADOCR Bloc Travel Grant](#)
- [IADR Colgate Research in Prevention Travel Award](#)
- [IADR KULZER Travel Award](#)
- [IADR STAR Network Fellowship](#)

NSRG Webinar: How AADOCR Can Help Pre-dental Students

September 20, 2023 at 8 p.m. ET

Are you a pre-dental student involved in research? The AADOCR National Student Research Group (NSRG) is hosting a webinar for students who are beginning their dental education and have limited exposure to research, or have doubts about its importance to their career paths.



In this webinar you'll learn how to get involved with the AADOCR, how to improve your CV for professional programs, and best practices for showcasing your research to receive national recognition. Attendees will have an opportunity to ask questions of individuals in different phases of their dental research education.

Register now at: <https://www.pathlms.com/iadr/webinars/38303>

Dental, Oral, and Craniofacial Research Summit

The AADOCR will host a Dental, Oral, and Craniofacial Research Summit at the Bethesda North Marriott Hotel and Conference Center in Rockville, MD on **October 12-13, 2023**. The goals of this summit will be to:

1. Assess the current state of dental, oral, and craniofacial (DOC) research in the United States.
2. Assess where that research is currently being conducted.
3. Determine how to address the challenges and barriers identified.
4. Develop an Action Agenda with specific recommendations to assist funders of DOC research and for institutions and investigators to improve DOC research.

See the full agenda at: <https://www.aadocr.org/media/2458>

Intended participants of this interactive workshop are Associate Deans for Research at Academic Dental Institutions (ADI), ADI Deans, VPs of Research (or persons with that responsibility) at non-ADI Institutions conducting DOC research, and all Funders of DOC research (Government, Non-profits, Foundations, Dental Insurance, Consumer and Professional Products Industry and Emerging Technologies).

Bethesda North Marriott Hotel & Conference Center

5701 Marinelli Road
Rockville, Maryland

RESERVATIONS

Attendees can book a hotel room by visiting: <https://book.passkey.com/e/50602630>

Room Rate: \$249/night plus 13% tax

A limited number of rooms are available for attendees through **September 20, 2023**, after which time the room rate will increase.

Additional information with the detailed program and meeting registration will be forthcoming.

Celebrating NIDCR Trainees: Past, Present, and Future

Prospective and current NIDCR-supported trainees from all career stages, as well as anyone else who is interested, are invited to attend the NIDCR 75th Anniversary Trainee Symposium, entitled, "Celebrating NIDCR Trainees: Past, Present, and Future" on **Tuesday, October 10** and **Wednesday, October 11, 2023**.

This free virtual event will offer professional development and networking with peers, NIDCR staff, and leadership, and will feature Nobel laureate [Ardem Patapoutian, Ph.D.](#), as the keynote speaker.

To register, access the agenda, and learn more, visit the [event page](#).

NIDCR Intramural Training and Career Opportunities Webinar

Join NIDCR Training Director Belinda Hauser, Ph.D., and NIDCR Deputy Director Jennifer Webster-Cyriaque, D.D.S, Ph.D., on **Tuesday, September 26** from 1:00 p.m.–2:45 p.m. for a webinar about dental, oral, and craniofacial research training opportunities in NIDCR labs on the NIH campus.

Attendees will learn how to apply for these opportunities and will hear from a former NIDCR trainee about their experiences.

Registration is required. To sign up, visit the [registration page](#).



Population-Based Survey Experience in Multimode Health and Nutrition Data Collection

Join us for a webinar about the experiences and innovations in multimode health and nutrition data collection, including interviews, physical assessments, and biospecimen collection. The discussion is being led by experts from NCHS' National Health and Nutrition Examination Survey.

Webinar coordinators: Denys Lau, Ph.D.
Naman Ahluwalia, Ph.D.

For more information, visit:
https://cdc.zoomgov.com/webinar/register/WN_ZuYTpg9AQDskrRA0YGS4-A

 **DATE**

**Wednesday,
October 4, 2023**

 **TIME**

1:30PM – 4:00PM [ET]

[REGISTER HERE](#)



REGISTER NOW

ADVOCACY

White House Outlines Research Priorities for Fiscal Year 2025

On August 17, the Biden administration released its annual memo to inform federal science agencies of its [Multi-Agency Research and Development \(R&D\) priorities for the fiscal year 2025 budget](#).

The memo, issued by White House Office of Science and Technology Policy (OSTP) Director Arati Prabhakar and Office of Management and Budget (OMB) Director Shalanda D. Young, maintains the administration's commitment to investing in R&D with the goals of achieving better health outcomes, bolstering the STEM workforce, tackling climate change, and improving health equity and inclusivity.

The document also reiterates the administration's commitment to reducing barriers and inequities through its investment in R&D. It instructs agencies to "support workforce development...with an emphasis on emerging research institutions and historically underserved communities". What's new this year is a greater emphasis on regional and industrial innovation to achieve these missions and ensure U.S. competitiveness in science and technology. As such, the first area of focus in the memo is to "advance trustworthy artificial intelligence (AI) technology" with the aim of addressing large societal challenges and improving government functions.

[Read more.](#)

Senate Committee Approves AADOCR Report Language

Last month, the Senate Appropriations Committee passed, on a bipartisan vote of 26-2, the Fiscal Year (FY) 2024 Labor, Health and Human Services appropriations bill. The measure includes an accompanying report ([S. Rept. 118-84](#)) with language that AADOCR wrote to encourage federal investment in NIDCR research (pgs. 96-97).

The report utilizes language from the [dental community letter](#) we sent to lawmakers in April as well as a segment on the medical necessity of oral healthcare that Sen. Ben Cardin (D-MD) requested our assistance with and successfully inserted into the report.



AAADO CR MIND the Future alum and current White House Fellow Jackie Burgette escorts AAADO CR President Alexandre Vieira and AAADO CR CEO Christopher Fox on a tour of the West Wing of the White House.

PUBLICATIONS

Journal of Dental Research



→ [Latest Issue](#)

→ [Submit a paper](#)

JDR Clinical & Translational Research



→ [Latest Issue](#)

→ [Submit a paper](#)

Video Discussion: Special *JDR* Issue on Aging and Oral Health



Join *JDR* Associate Editor Ana Paula Colombo, Ruben Aquino-Martinez of the University of Wisconsin, Madison, *JDR* Guest Editor Bei Wu, and AADOCR Past President Jane Weintraub as they talk about some of the important issues covered in the recent *JDR* Special Issue on Aging and Oral Health.

[Watch the video.](#)

NEWS

The New IADR Community is Now Live!

We are thrilled to announce the new and improved **IADR Community** is now live! We've worked hard to create a more engaging and user-friendly experience for all members, and we can't wait for you to explore the new features.

To help new and existing members get started, here are some of the exciting new features that the community includes:

- A central social feed that allows you to like posts directly from the feed, see the number of replies on each post, and follow posts that interest you.
- New quick links features that make it easier to navigate to communities you're a member of and access content you're following, such as your own posts or interesting discussions you want to keep track of as they develop.

- A community leaderboard and new look to badges related to engagement for IADR members



We're excited to see everyone in the IADR community using the new site! As always, if you need help or have any questions, please feel free to reach out to us via the [Contact Us](#) page.

ECU School of Dental Medicine Welcomes Dr. Alex Vieira as Associate Dean for Research

AADOCR President Alexandre Vieira has been named Associate Dean for Research at the East Carolina University (ECU) School of Dental Medicine. Vieira comes to ECU from the University of Pittsburgh School of Dental Medicine, where he served as Director of Clinical Research, Director of Student Research and Professor. “

We are thrilled to have Dr. Vieira join the ECU School of Dental Medicine family,” said Dr. Greg Chadwick, dean of the school. “His expertise and background align well with our mission to engage faculty and students in innovative research that improves oral health care for patients across North Carolina.”

Originally from Rio de Janeiro, Brazil, Vieira joined the University of Pittsburgh’s dental school after spending nearly six years at the University of Iowa for post-doctoral training in human molecular genetics. He earned a DDS in 1992 from the Federal University of Rio de Janeiro (UFRJ), completed a residency in special needs patients at the Brazilian Dental Association–Rio de Janeiro section. He also earned a master’s in pediatric dentistry and PhD in genetics from UFRJ in 1997 and 2001, respectively.

“I am looking forward to working with the faculty at ECU School of Dental Medicine and across the health sciences campus in the integration of dental clinical research to all disciplines and have a



positive impact in the oral health of the region, making ECU a point of reference for oral health research,” Vieira said.

Vieira created the Dental Registry and DNA Repository (DRDR), the only project in the world to keep DNA samples linked to a comprehensive dataset of dental clinical information. Additionally, he initiated the University of Pittsburgh School of Dental Medicine’s Clinical Research Scholars Program, which supports eight clinical assistant professors in their research activities. He has published more than 400 peer-reviewed papers, editorials, letter to the editor, book chapters, and books, including the *Genetic Basis of Oral Health Conditions*. Dr. Vieira has mentored more than 200 students in his lab and has received numerous awards including the Distinguished Scientist in Dental Caries Research Award from IADR in 2015 and the William J. Gies Award for best paper published at the Journal of Dental Research three times in 11 years—the only person to do so in the history of the award. Vieira also worked in the Latin American Birth Defects Registry, ECLAMC, and pioneered the collection of biological samples in that multi-country study in 1997. His current work extends his background in pediatric dentistry and genetics on research that aims to provide a better understanding of common dental traits of complex etiology. Vieira also champions diversity among dental students and has led programs that provide opportunities and mentorship to women and minorities, which he also incorporated into his research program.

AADOOCR Fellows Program Now Accepting Nominations

The AADOOCR Fellows Program is designed to recognize leaders of AADOOCR and individuals who have served AADOOCR in various ways throughout their careers. AADOOCR Fellows serve as mentors, advisors to the AADOOCR Board of Directors and Council, and serve as ambassadors of the dental, oral, and craniofacial research field.

Fellows receive public recognition at the AADOOCR Annual Meeting and in the AADOOCR Science Advocate newsletter. Full and retired members are eligible for the AADOOCR Fellows Program.

Submit your nomination online by **October 10, 2023**. If you have questions, please contact Beatrice Nguyen at bnguyen@iadr.org.

Recognize a Distinguished Scientist

The IADR Distinguished Scientist Awards are among the most prestigious honors bestowed by IADR to our members. These awards recognize outstanding research achievements in a variety of fields and disciplines and are indelible marks of leadership in our community.

Nominate yourself or a fellow IADR member for one of the 17 IADR Distinguished Scientist Awards! The awards consist of a \$3,500 prize and a commemorative plaque, as well as special recognition in the 2024 IADR General Session post-meeting newsletter.

To learn more and to apply, visit: <https://www.iadr.org/awards/iadr-distinguished-scientist-award>. All nominations must be received by **September 15, 2023**.

New Clinical Practice Guideline for Pain Management in Children

On August 25, the American Dental Association Science and Research Institute, the University of Pittsburgh School of Dental Medicine, and the Center for Integrative Global Oral Health at the University of Pennsylvania School of Dental Medicine issued a new **clinical practice guideline detailing dental pain management strategies for children**.

The development of this guideline was funded by an FDA-provided grant. An FDA-commissioned report by the National Academies of Science, Engineering, and Medicine recommended that the guideline be developed.

NIH Loan Repayment Programs (LRP) Application is Open

NIH is now accepting applications to the Extramural LRP! Awardees can receive up to **\$100,000** of qualified educational debt repayment with a two-year award.

Be sure to visit the LRP website, check out the **overview video**, and attend one of the upcoming events to learn more about eligibility requirements, application dates, and benefits of receiving an LRP award!

- September 18 – **Twitter Spaces Conversation with The American Society of Preventative Oncology**
- October 2 – LRP Technical Assistance Webinar
- November 6 – Ask Me Anything

The deadline to submit an Extramural LRP application this year is on **November 16, 2023**.

NIDCR Seeks Input on Data Storage and Sharing by September 25

NIDCR invites recommendations from the research community on the needs and best practices for dental, oral, and craniofacial data storage, management, infrastructure, sustainability, and tools. The goal is to build and support a data ecosystem that better enables investigators and clinicians to extract insights from datasets to improve oral and overall health.

Those interested should **respond** by **Monday, September 25, 2023**.

Submit Your IADR and AADOCR Award Applications and Nominations

Through numerous sponsorships and donations, IADR and AADOCR funds and recognizes several award, fellowship, and grant recipients. For additional information or inquiries, please **email** the Awards, Fellowships & Grants Coordinator.

Awards and Deadlines

AADOCR Anne D. Haffajee Fellowship – October 17, 2023
AADOCR Delta Dental Institute Oral Health Equity Awards – October 17, 2023
AADOCR Irwin D. Mandel Distinguished Mentoring Award – October 17, 2023
AADOCR Procter & Gamble Underrepresented Faculty Research Fellowship – October 17, 2023
AADOCR Student Research Fellowships – January 26, 2024
AADOCR William Butler Fellowship – October 17, 2023
AADOCR William B. Clark Fellowship – October 17, 2023
IADR Distinguished Scientist Awards – **September 15, 2023**
IADR Distinguished Service Award – October 17, 2023
IADR E.W. Borrow Memorial Award – October 17, 2023
IADR John J. Clarkson Fellowship – October 17, 2023
IADR Innovation in Oral Care Awards – December 1, 2023
IADR Osteology Foundation New Investigator Award in Oral Tissue Regeneration- December 1, 2023
IADR STAR Network Fellowship- December 1, 2023
IADR/AADOCR William J Gies Award – October 17, 2023

**Apply for the following awards when submitting your abstract to the 2024
IADR/AADOCR/CADR General Session & Exhibition! Abstract Deadline: October 17, 2023**

AADOCR Bloc Travel Grant
AADOCR Hatton Competition
AADOCR NSRG 411 Rapid Research Competition
Student Competition for Advancing Dental Research and its Application (SCADA)
(Applicants by invitation only)
IADR Joseph Lister Award for New Investigators
IADR KULZER Travel Award
IADR Colgate Research in Prevention Travel Award
IADR Lion Dental Research Award

Share Your Thoughts on Saliva Technology

CellectGen is a startup company developing new saliva-based technologies to improve the identification of early signs of active gum disease, months before the onset of irreversible damage or tissue destruction.

We want to better understand your sentiments – both from a patient and clinician perspectives – and how you feel about saliva technologies in general and what aspects you value most/least. With this in mind, we have developed two surveys to help us develop a product that suits your needs.

Each survey should take approximately 20 minutes to complete and you will have the chance to enter a raffle to win an Amazon gift card.

CollectGen takes privacy very seriously. Any and all data will remain anonymous and all responses will stay confidential.

Survey for Clinicians:<https://forms.gle/6HFqZ49vKC4YeARTA>

Survey for Patients:<https://forms.gle/W3CWxAorYeyT3JR68>

Earn CE Credits at the IADR Webinar & CE On Demand Library

Featured Content:

- 3D Microphysiological Systems for Craniofacial-Oral-Dental Precision Medicine
- Results of an Implementation Intervention for Dental Sealant Placement on NCCLs
- Understanding Sexual Dimorphism in Sjögren's



Submit a Webinar Proposal

AADOCR is currently accepting proposals for webinar ideas for 2023.

Webinar proposals are subject to review and approval by the appropriate IADR committee. Webinar content should be organized around a cutting-edge topic and planned to be no more than 60 minutes (including a Q&A/discussion period). Any requests for additional time outside of the standard allotment of 60 minutes must be made at the time of submission for the committee to evaluate.

For more information and to submit your proposal, visit: <https://www.iadr.org/form/webinar-series-proposal-form>.

Show Your Support with AADOCR Gear

AADOCR represents you—the multidisciplinary scientists who work every day to advance dental, oral, and craniofacial research. Show your support with style!



FUNDING

Foundation Nakao for Worldwide Oral Health Launches New Round of Research Grant Applications

Dental academics and clinicians are invited to apply for Foundation Nakao Grants, which began a fifth round of funding on September 4, 2023. The organization supports clinical trials and research on important topics such as minimum intervention dentistry and oral health of the elderly. Successful applications will receive fully-funded projects of CHF 50,000 per year in addition to wide exposure among dental professionals, the dental industry, and the general public.

The maximum project duration is two years and up to CHF 100,000. If the project budget is over CHF 50,000 over two years, applicants will need to submit applications for the second year as well.

Learn more by visiting: <https://www.foundation-nakao.com/applications> .



New NIDCR NOFO on Team Science

NIDCR has published the new Notice of Funding Opportunity (NOFO) **Collaborative Science to Achieve Disruptive Innovations in Dental, Oral and Craniofacial (DOC) Research (RM1 Clinical Trial Not Allowed)** to support highly integrated research teams to address challenging questions with the potential to significantly advance DOC fields of research.

Examples of scientific areas that benefit team-science collaborations and are of priority to this NOFO include but are not limited to:

- Patient-controlled technologies that draw on best practices from other fields of medicine and that reduce health disparities and/or improve oral health throughout the life span.
- Preventative dental caries vaccine development leading to significant reduction in early childhood caries incidence.
- Non-opioid pharmacotherapies treatments for DOC-related pain that minimize undesirable side effects.
- Dental Restorative Systems with clinical service life that exceed current commercial materials.
- Approaches to advance prophylactic and therapeutic strategies to manage HIV and its oral manifestations and comorbidities.

Please find more detail information about this NOFO (RFA-DE-24-003) [here](#).

KEY DATES

- Open Date (Earliest Submission Date): **October 22, 2023**
- Letter of Intent Due Date: **October 23, 2023**
- Expiration Date: **November 23, 2023**

Please feel free to contact the NOFO's Scientific Contact (Amanda Melillo, PhD, Email: amanda.melillo@nih.gov) and [DER Program Officials](#) of your research area with questions.

Latest NIH & NIDCR Funding Opportunities and Notices

The NIH and NIDCR provide many funding opportunities for scientists interested in dental, oral, and craniofacial research. Get the [latest NIDCR news online](#). To view a full list of NIH funding announcements, visit: grants.nih.gov/funding/index.htm.

Notices of Funding Opportunity

[Ruth L. Kirschstein National Research Service Award \(NRSA\) Individual Fellowship for Students at Institutions with NIH-Funded Institutional Predoctoral Dual-Degree Training Programs \(Parent F30\)](#)
Release date: August 16, 2023

[Screening, Brief Intervention and Referral to Treatment or Prevention \(SBIRT/P\) for alcohol, tobacco, and other drugs \(ATOD\) use and misuse in adult populations that experience health disparities \(R01,](#)

Clinical Trial Required)

Release date: August 16, 2023

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31)

Release date: August 17, 2023

HEAL Initiative: HEAL KIDS (Knowledge, Innovation and Discovery Studies) Pain: Acute Pain Clinical Trials Program (U01 Clinical Trial Required)

Release date: August 18, 2023

HEAL Initiative: HEAL KIDS (Knowledge, Innovation and Discovery Studies) Pain Program Resource and Data Center (U24 Clinical Trial Not Allowed)

Release date: August 18, 2023

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Senior Fellowship (Parent F33)

Release date: August 22, 2023

Community Partnerships to Advance Science for Society (ComPASS): Health Equity Research Hubs (UC2 Clinical Trial Optional)

Release date: August 24, 2023

Notice of Correction Notice of Correction to Budget Form and Budget Instructions for RFA-RM-23-004 "NIH Director's Pioneer Award Program (DP1 Clinical Trial Optional)"

Release date: July 24, 2023

Notices of Special Interest

Notice of Special Interest (NOSI): Lymphatic System in Health and Disease (R01)

Release date: July 24, 2023

Notice of Special Interest (NOSI): Maternal Health and the Dental, Oral, and Craniofacial Development of their Children

Release date: August 2, 2023

Notices of Participation

NIDCR Notice of Participation in PAR-23-109, "NIH Medical Scientist Partnership Program (FM1 Clinical Trial Not Allowed)"

Release date: August 1, 2023

NIDCR Notice of Participation in PAR-23-182 "Accelerating Behavioral and Social Science Through Ontology Development and Use: Research Network Projects (U01 Clinical Trial Not Allowed)"

Release date: August 10, 2023

Featured Funding Opportunities

Fogarty-leDEA Mentorship Program (FIMP)

Application deadline: October 23, 2023

Research Supplements to Promote Diversity in Health-Related Research (Admin Supp - Clinical Trial Not Allowed) (PA-23-189)

Application deadline: May 8, 2026

NIDCR Director's Postdoctoral Fellowship to Enhance Diversity in Dental, Oral and Craniofacial Research

Applications reviewed on a rolling basis.

FDA Funding Opportunities

View the current [FDA Center for Tobacco Products funding opportunities](#).

NIH National Institute on Aging Funding Opportunities

Visit the [NIA's Grants and Funding web portal](#) and view the current [NIA funding opportunities](#).

DONATE

Support Young Researchers!

Donate to the [AADOOCR New Investigator Research Development Fund](#).

Once endowed, this award will recognize original research by new investigators and will stimulate basic research in all dental, oral, and craniofacial disciplines. One award per year will be presented in the amount of at least \$10,000. This must be put towards the candidate's research, the establishment of research infrastructure, the completion of a research project, or preparing research for publication.



Make A Donation

The Science Advocate is a monthly e-newsletter exclusively for AADOOCR members. If you have items you would like to include, please forward them to scienceadvocate@aadocr.org by October 1, 2023 for the next issue.



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