



## 2023 ANNUAL MEETING

### AADOCR/CADR Annual Meeting HANDS-ON WORKSHOPS

Hands-on Workshops (HOW) will take place at the Oregon Convention Center. Registrations will be processed on a first-come, first-served basis. For workshops that have limited attendance and/or a fee associated, if you register in advance a ticket will be printed on your name badge sheet. If a session fills up, you can request to be placed on a waiting list. Individuals on the waiting list are encouraged to arrive at the applicable session at the meeting case there are attendees who do not show up; entry will be facilitated by the Organizer.

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**TUESDAY, MARCH 14, 2023**

**8 a.m. – 3 p.m.**

**HOW #1:** AADOCR Faculty Development Workshop

**Organizer(s):** Effie Ioannidou (University of Connecticut, Mansfield); David Drake (University of Iowa, Iowa City)

**Sponsoring Group/Network(s):** Women in Science Network

**Description:** This workshop is part of the NIDCR funded AADOCR Mentoring an Inclusive Network for a Diverse Workforce of the Future (AADOCR MIND the Future). Current evidence has supported the significance of faculty development as a tool for academic retention and advancement. In this process, mentoring holds tremendous significance as it guides post-graduate students towards their career goal and supports junior faculty in their academic growth. A key component of this is learning how to write competitive research grants. In today's highly competitive environment at NIH and other funding agencies, these skills have become of even more paramount importance for young scientists to establish themselves as independent investigators. This workshop is designed to support the processes of mentoring and career development in a bidirectional way. First, it focuses on junior faculty and post-graduate students with the goal to enhance their grant-writing skills as part of an overall emphasis on research portfolio and scholarly productivity. Coinciding with this is the importance of building a close look at work/life balance expectations. In a parallel session, the workshop focuses on mentoring the mentors with a goal to promote effective communication skills, to address diversity and unconscious bias, to closely mentor mentees in all aspects of their academic growth and to present techniques to synchronize mentor and mentee expectations. Two parallel sessions will take place in the morning.

**Attendance Limit:** 40

**Cost:** \$130

**WEDNESDAY, MARCH 15, 2023**

**12 p.m. – 1:15 p.m.**

**HOW #2:** AADOCR/CADR/NICR Mentoring and Networking Lunch

**Organizer(s):** Anissa Brown (National Institute of Health, Bethesda, MD); Shoba Thirumangalathu (National Institute of Health, Bethesda, MD); Lynn King (National Institute of Dental and Craniofacial Research, Bethesda, MD)

**Sponsoring Group/Network(s):** American Association for Dental, Oral, and Craniofacial Research (AADOCR), Canadian Association for Dental Research (CADR)

**Description:** The AADOCR/CADR and NIDCR are offering a mentoring and networking lunch aimed at facilitating interactions among predoctoral students, postdoctoral scientists and dental, oral and craniofacial research investigators. This event, planned for Wednesday March 15 from 12 p.m. to 1:15 p.m., is designed to provide an informal venue for early career scientists to obtain guidance on their research and research career trajectories, and to expand their network of mentors and peers to support and facilitate their research career success. Mentors will be encouraged to lead informal, motivational and realistic discussions about developing a successful research career. Lunch tables will be organized by research topic or career pathway, and one to two mentors will be available at each table. When registering, participants do not need to select a specific table or mentor and will be encouraged to move among tables and meet a number of mentors during the session. AADOCR/CADR Annual Meeting attendees who register as students (e.g., graduate students, dental students and postdoctoral researchers) will be able to sign up for the Mentoring and Networking Lunch for an additional fee through the AADOCR/CADR meeting registration site.

**Attendance Limit:** 80

**Cost:** \$25

**WEDNESDAY, MARCH 15, 2023**

**9:45 a.m. – 11:15 a.m.**

**HOW #3:** Retaining DSTP and NIDCR trainees in Dental, Oral and Craniofacial Research

**Organizer(s):** Tanner Godfrey (University of Alabama at Birmingham)

**Sponsoring Group/Network(s):** Student Training and Research (STAR) Network, National Student Research Group

**Description:** This session will focus on how institutions can support DSTP (Dental Scientist Training Program) students and training grant students in order to encourage their retention in research and academia. An expert panel will discuss the historic challenges and successes of DSTP and training grant programs followed by a discussion covering current trajectories and strategies to support trainees. Finally, a Q&A session with the expert panel and the session target audience (program directors, mentors and current trainees) will be held.

The expert panel will consist of representation from NIDCR as well as successful current and past program directors from variously structured training programs.

**WEDNESDAY, MARCH 15, 2023**

**1:30 p.m. – 3 p.m.**

**HOW #4:** Walking the Tightrope – Staying Balanced while in School

**Organizer(s):** Kazune Pax (Ohio State University, Columbus); Shawn Hallett (University of Michigan, Ann Arbor); Seung Jin Jang (University of Florida, Gainesville)

**Sponsoring Group/Network(s):** Behavioral, Epidemiologic, and Health Services Research, Student Training and Research (STAR) Network

**Description:** Graduate and professional students face a broad and unique set of challenges during their training. Trainees are often pulled in multiple directions by competing obligations and require a substantial commitment in time, effort, and mental resilience. As a result, trainees commonly report difficulty finding balance in life, which leads to heightened levels of stress having a negative impact on their academic performance, physical health, and mental stability. Because of this, hobbies tend to become forgotten or are ignored. Time spent with significant others and friends, sleep, and exercise often get pushed to the back burner in an attempt to finish the unstoppable rigor of training. Intended for trainees of all types (e.g., dental and dental hygiene students, graduate students, dual-degree students, post-docs), this Hands-on Workshop will focus on the unique challenges experienced by trainees and will offer participants tips and skills for maintaining balance during their training and beyond. The panelists will include grant funded researchers, academic leaders, and current students who have maintained their hobbies and vibrant lives that extend beyond their professional responsibilities. The panelists will discuss workshop topics from their unique career backgrounds, expertise, and perspectives and will offer stories of their real-life experiences, and advice based on their mentorship of trainees. The session will be structured as an open agenda panel, with a moderator to help guide discussion. There will be an opportunity for attendees to use what they learn to set goals and create action plans for adopting wellness practices and finding work-life balance throughout their training and extending beyond into their future endeavors.

**THURSDAY, MARCH 16, 2023**

**8 a.m. – 9:30 p.m.**

**HOW #5:** What We Wish We Knew When Starting in Dental Academics

**Organizer(s):** Hope Amm (University of Alabama at Birmingham); Modupe Coker (Rutgers University, Brunswick, NJ); Erin Bumann (University of Missouri, Kansas City)

**Sponsoring Group/Network(s):** Clinical and Translational Science Network, Women in Science Network, MIND the Future

**Description:** Diverse and inclusive investigators help advance dental, oral, and craniofacial research and bring in new concepts for the growth of the fields in multi-dimensional ways. Establishing mentoring networks supports the junior investigator pipelines, strengthens senior investigators' mentoring competencies, and increases sensitivity to unique challenges facing investigators from diverse backgrounds. Such efforts are needed to develop a robust biomedical, behavioral, clinical, and public health research workforce. AADOCR MIND the Future is a unique model, funded by NIDCR that aims to build a vibrant and inclusive community of investigators.

The objective of this Hands-on Workshop is to engage young researchers in different elements of career development important for progress. The MIND the Future mentees will lead table discussions to share what they have learned as early-stage investigators and within the program. The attendees will select a table based on an area of career development. The table leaders will provide a short background about themselves and initiate the discussion with the attendees, which should last for 30 minutes including answering their questions related to the topic, career development, or the MIND the Future Program. Attendees will be encouraged to move to another table for a new topic or different perspective for the next 30 minutes.

**Attendance Limit:** 60

**Cost:** \$10

**THURSDAY, MARCH 16, 2023**

**11 a.m. – 12:30 p.m.**

**HOW #6:** Cognitive Behavior Therapy and Digital Technology for Fearful Dental Patients

**Organizer(s):** Suher Baker (Momentous Technologies-WiFiesta Inc, Guilford, CT)

**Sponsoring Group/Network(s):** Behavioral, Epidemiologic, and Health Services Research

**Description:** Fear and anxiety in dental homes may be as high as 43 percent among children and 16-20 percent in adults. In fact it is the second reason after cost that prohibits patients from seeking preventive, accessible and affordable dental care. Dentistry remains the only health care service that triggers fear/anxiety/phobia. The early onset of the vicious cycle of dental fear has long-term ramifications in terms of disease experience, treatment options, and cost, making it important that we better understand the mechanisms maintaining and exacerbating dental fear. Anxiety plays a crucial role in avoidance behavior by causing a deterioration in oral health and an increase in the perceived likelihood of pain even during non-invasive preventive and restorative treatments resulting in further oral health neglect. Emergency and symptom-driven treatment form a linked chain feeding back into the fear experience. Therefore, recognizing fearful patients in the dental home requires in-depth knowledge about the etiology of dental fear and an anxiety assessment prior to dental treatment. Non-pharmacologic interventions and new innovative digital app based digital technology may be essential in desensitizing anxious dental patients and extracting them from the vicious cycle of fear in the long term. Advancements in minimally invasive dentistry (MID) may be critical to the dental treatment planning to reduce fear in the dental home and decrease the burden of dental disease and reinforce preventive dentistry.

**THURSDAY, MARCH 16, 2023**

**2 p.m. – 3:30 p.m.**

**HOW #7:** Women in Science Network: Bridging the GAP!

**Organizer(s):** Grace De Souza (University of Louisville, KY); Luciana Shaddox (University of Kentucky, Lexington); Patricia Miguez (University of North Carolina, Chapel Hill)

**Sponsoring Group/Network(s):** Craniofacial Biology Research, Periodontal Research, Women in Science Network

**Description:** This workshop aims to support women scientists in bridging the gap between school/early career and a successful scientific career path. WISN officers will gather women

with varied and successful career paths to describe their trajectories, challenges, and what made them successful in their journeys. This workshop will be tailored to recent graduates who seek advice on getting their academic careers started, assistant professors and/or early career scientists, and mid-career professionals who may be in doubt about current and future career path choices.

**FRIDAY, MARCH 17, 2023**

**11 a.m. – 12:30 p.m.**

**HOW #8 Part 1:** Workshop on Evidence Based Behavioral, Epidemiologic & Health Services Research

**Organizer(s):** Nitesh Tewari (All India Institute of Medical Sciences, New Delhi, India);  
Sukeshana Srivastav (All India Institute of Medical Sciences, New Delhi, India)

**Sponsoring Group/Network(s):** Behavioral, Epidemiologic, and Health Services Research

**Description:** The evidence-based medicine (EBM) is the quintessential aspect of modern health sciences. It not only evaluates the quality of existing evidence but also provide recommendations for improving the future research. Though originally designed for interventional studies, especially randomized controlled trials, the systematic reviews and meta-analyses have progressively diversified into other realms as well. The oral health sciences have seen its varied applications even in the domains of epidemiology, behavioral and health sciences research. However, the understanding of contemporary researchers regarding application and interpretation of EBM has been reported as inadequate globally. Hence this workshop with a hands-on module on the critical aspects of the EBM and its applications in domains of BEHSR.

*Limited seating. Registration required.*

**FRIDAY, MARCH 17, 2023**

**2 p.m. – 3:30 p.m.**

**HOW #8 Part 2:** Workshop on Evidence Based Behavioral, Epidemiologic & Health Services Research

**Organizer(s):** Nitesh Tewari (All India Institute of Medical Sciences, New Delhi, India);  
Sukeshana Srivastav (All India Institute of Medical Sciences, New Delhi, India)

**Sponsoring Group/Network(s):** Behavioral, Epidemiologic, and Health Services Research

**Description:** The evidence-based medicine (EBM) is the quintessential aspect of modern health sciences. It not only evaluates the quality of existing evidence but also provide recommendations for improving the future research. Though originally designed for interventional studies, especially randomized controlled trials, the systematic reviews and meta-analyses have progressively diversified into other realms as well. The oral health sciences have seen its varied applications even in the domains of epidemiology, behavioral and health sciences research. However, the understanding of contemporary researchers regarding application and interpretation of EBM has been reported as inadequate globally. Hence this

workshop with a hands-on module on the critical aspects of the EBM and its applications in domains of BEHSR.

*Limited seating. Registration required.*

**SATURDAY, MARCH 18, 2023**

**8 a.m. – 9:30 a.m.**

**HOW #9:** Oral Health Surveys: Methods and Tips to Advance Your Research

**Organizer(s):** Tamanna Tiwari (University of Colorado, Boulder); Aderonke Akinkugbe (Icahn School of Medicine at Mount Sinai, New York, NY); Benjamin Chaffee (University of California San Francisco)

**Sponsoring Group/Network(s):** Behavioral, Epidemiologic, and Health Services Research, Evidence-based Dentistry Network, Oral Health Research, Clinical and Translational Science Network

**Description:** Surveys are a critical methodologic tool in oral health research in both clinical and population settings, whether assessing demographic information, attitudes, behaviors, or health conditions. The validity of research conclusions hinges on the accuracy of those measures and the generalizability of recruited survey populations. This Hands-on Workshop provides a detailed yet pragmatic look at selected modern methods in survey research while providing the audience with techniques, best practices, and practical advice to advance their survey research. Featured topics include: 1) Survey development - Building a new questionnaire that blends existing, validated questionnaire items with novel item development requires time, testing, and teamwork to create a final product that is reliable, valid, and widely applicable. 2) Secondary data analysis - Existing survey datasets are often large, representative, and available at no cost, but challenges to navigate include complexity, survey items not tailored to your research, and funding the work. 3) Online commercial panels - Panels offer a fast and convenient option for survey recruitment, but steps must be taken to assure data quality, including assessing sample generalizability and deterring computer (“bot”) responses. 4) Sampling and recruitment - Enrolling a representative survey population is essential for drawing sound conclusions and requires considerable care and attention, especially for sensitive topics and harder-to-reach populations. With numerous examples from NIH and NIDCR-funded projects and with ample opportunities for audience participation and discussion, this workshop aims to help oral health investigators at all career stages expand their capabilities in survey research.