

FOR IMMEDIATE RELEASE
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NIDCR DDS Hub – Leverage Data Science for Oral Health Research

Alexandria, VA – A symposium highlighting unique data and data science resources featured in the NIDCR's new centralized resource, the Data Driven Science Hub (DDS Hub) was presented at the 54th Annual Meeting of the AADOOCR, which was held in conjunction with the 49th Annual Meeting of the Canadian Association for Dental Research, on March 12-15, 2025 in New York, NY.

Data Driven Science is a foundational approach that spans the translational research continuum across populational, clinical, and basic science research. A new NIDCR centralized resource, the DDS Hub, promotes the use of data science principles, resources, and methods by the dental, oral and craniofacial research community. The hub is a community-driven resource with a two-way information flow from investigators, data stewards, and data users, to NIDCR and vice versa.

The Hub describes data sources, with highlighted summary level data, from rich clinical repositories with extensive information on oral and craniofacial phenotypes. It also introduces data science resources that include analytic and computational resources, and guidelines on effective data generation, management, and sharing. Funding opportunities, events, and workshops pertinent to the use of data in research are also available. This symposium highlighted these unique resources featured in the DDS Hub, as well as guidelines on data management and sharing to promote FAIR data.

Organized by Vidhya Venkateswaran of the National Institutes of Health/National Institute of Dental and Craniofacial Research, Bethesda, MD, the symposium, “NIDCR DDS Hub – Leverage Data Science for Oral Health Research” took place on Thursday, March 13 at 8 a.m. Eastern Time (UTC-4). Due to NIH travel restrictions, some presentations were pre-recorded.

About AADOOCR

The American Association for Dental, Oral, and Craniofacial Research is a nonprofit organization with a mission to drive dental, oral, and craniofacial research to advance health and well-being. AADOOCR represents the individual scientists, clinician-scientists, dental professionals, and students based in academic, government, non-profit and private-sector institutions who share our mission. AADOOCR is the largest division of the International Association for Dental, Oral, and Craniofacial Research. Learn more at www.aadocr.org.