

2023-24 CADR-NCOHR Student Research Award Winners

The CADR-NCOHR Student Research Awards are sponsored by the Canadian Association for Dental Research (CADR) and by the Network for Canadian Oral Health Research (NCOHR). In 2023-24, a total of 20 CADR-NCOHR Student Research Awards were given out. Eighteen students received travel awards to present their research at the 2024 IADR/AADOCR/CADR Annual Meeting in New Orleans. Two students received First Place awards and will represent Canada at the 2024 IADR Hatton Competition.

SENIOR BASIC SCIENCE RESEARCH CATEGORY

FIRST PLACE AND HATTON COMPETITOR

Hawraa Issa, Université Laval

Supervisor: Abdelhabib Semlali

Eugenol as a potential adjuvant therapy for gingiva carcinoma

Paras Ahmad, University of Saskatchewan

Supervisor: Walter Siqueira

Salivary protein homology between humans and dogs: Unlocking evolutionary secrets

Yuval Peled, University of Toronto

Supervisor: Yoav Finer

Neutrophils degrade TEGDMA and UDMA containing resin-based dental restoratives

Sangeeth Pillai, McGill University

Supervisor: Simon Tran

Matrigel-free, bottom-up assembly of adult stem cell derived murine and human salivary gland organoids

Shruti Tophkhane, University of British Columbia

Supervisor: Joy Richman

Robinow syndrome DVL1 mutations interfere with craniofacial development and WNT signaling

Meng Yuan, University of Alberta

Supervisor: Daniel Graf

The epigenetic regulator ANKRD11 controls tooth development

Yi Zhu, University of Toronto

Supervisor: Annie Shrestha

The immunomodulatory mechanism of a chitosan-based composite hydrogel on dendritic cells under hyperglycemia

SENIOR CLINICAL/PRE-CLINICAL RESEARCH CATEGORY

FIRST PLACE AND HATTON COMPETITOR

Mary Amure, McGill University

Supervisor: Belinda Nicolau

Oral coinfection with multiple alpha-human papillomavirus and head-and-neck cancer risk

Larissa Bubnowicz, University of Manitoba

Supervisor: Rodrigo França

SDF effective management of radiation caries: An in vitro study

Vivianne Cruz de Jesus, University of Manitoba

Supervisor: Robert Schroth

Effects of silver diamine fluoride on oral microbiome: A randomized clinical trial

Abdulrahman Ghoneim, University of Toronto

Supervisor: Sonica Singhal

Economic evaluation of a comprehensive dental care program

Luis Limo, Western University

Supervisor: Noha Gomaa

Poor access to dental care can exacerbate multimorbidity in adults with sub-optimal oral health

Tisha Prakash, McGill University

Supervisors: Elham Emami, Sabrina Gravel

Longitudinal prevalence of musculoskeletal disorders (MSD) among dental professionals in Quebec: 2005-2019

Amees Sanghavi, McGill University

Supervisor: Jocelyne Feine

Epistemological reflections on case-control studies in dentistry

JUNIOR CATEGORY

Syme Kharbotly, Université de Montreal

Supervisor: Nelly Huynh

Positional obstructive sleep apnea and adherence to treatments

Aya Ragheai, University of Toronto

Supervisor: Yoav Finer

Granule-derived degradative enzymes from human neutrophils degrade resin composites

Bahar Vatanparast, University of Saskatchewan

Supervisor: Michelle Siqueira

Exploring sterilizer performance through external biological indicator testing: A retrospective study

Luke Wandzura, University of Saskatchewan

Supervisor: Felipe Sperandio

Retrospective analysis of biopsies in a college and a systematic review

Lynda Wo, University of Toronto

Supervisors: Karina Carneiro, Anuradha Prakki

Mineralizing effect of polyaspartate-modified resin adhesives

Jiaqi Wu, Western University

Supervisor: Annie Shrestha

Mechanism of dendritic cells modulations by resveratrol and resolvin-D1

Trainees working in dental and oral health research in Canada applied for the IADR Hatton Divisional Awards and the CADR-NCOHR Student Research Awards by submitting a manuscript describing their studies. The competition was judged by a panel of dental researchers from across Canada, based on the criteria applied by the IADR Hatton judging committee.