



Supervisor: Mohamed Gebril

2025-26 CADR-NCOHR Student Research Award Recipients

The Canadian Association for Dental Research (CADR) and Network for Canadian Oral Health Research (NCOHR) Student Research Awards are sponsored by CADR and NCOHR.

In 2025-26, a total of 20 CADR-NCOHR Student Research Awards were given out. Eighteen students received travel awards to present their research at the 2026 IADR/AADOCR/CADR General Session & Exhibition in San Diego, California, USA in March 2026. Two students received First Place awards and will represent Canada at the 2026 IADR Hatton Competition.

JUNIOR CATEGORY

FIRST PLACE AND HATTON COMPETITOR

Olivia Juman, University of Saskatchewan Supervisor: Maria Luisa Leite Riboflavin-loaded Hydrogel Promotes Anti-inflammatory and Odontogenic Responses for Regenerative Endodontics

Adrian Chen, University of British Columbia

Marginal Fit of 3D-Printed Resin Crowns Using Micro-CT

Diego Alejandro Gonzalez Poleo, Université Laval Supervisor: Abdelhabib Semlali Repurposing Antimalarials for Oral Cancer: Selective Efficacy of Chloroquine and Hydroxychloroquine on Oral Squamous Cell Carcinoma

Jenneh Jallah, University of Saskatchewan

Unveiling the Biofilm Fluid Proteome: Implications for Precision Oral Health

Supervisor: Lina Marin

Jared Jones, University of British Columbia

Supervisor: Nancy Ford

Dual-Energy Scanning in Cone Beam CT: Proof-of-Concept Using Split-Filter Acquisition

Muhammad Omair Khan, University of Saskatchewan Supervisor: Felipe Sperandio Enhancing Photodynamic Therapy for Oral Cancer: Investigating Antioxidant Strategies

Derek Lum, University of Alberta

Supervisor: Fabiana Almeida

Investigating the Association Between Clinical Examination, MRI, and Arthroscopy Findings in TMD

Patients

Jiaqi Shang, University of Saskatchewan Supervisor: Isaac de Souza Araujo Diatomite-Loaded Polymeric Films for Alveolar Bone Regeneration

Richard Yeh, University of Toronto Supervisor: Laura Tam Development and Validation of Machine-learning Models to Grade Tooth Preparations

SENIOR BASIC SCIENCE RESEARCH CATEGORY

FIRST PLACE AND HATTON COMPETITOR

Jan C. Kwan, McGill University

Biofabricating a Salivary Gland on a Chip Platform for Disease Modeling

Supervisor: Simon Tran

Daniela Alvim Chrisostomo, University of Toronto

Enhanced Oral Delivery and Bioactivity of EGCG via DNA Nanocarriers

Supervisor: Karina Carneiro

Supervisor: Maria Febbraio

Supervisor: Hugh Kim

Supervisor: Tarek El-Bialy

Yuge Chen, University of Alberta

The Impact of Endothelial Cell CD36 on Mitochondrial Function in Porphyromonas gingivalis-Induced

Insulin Resistance

Zhexuan (Steven) Jiang, University of British Columbia

Platelet filamin A (FLNA) mediates pro-inflammatory thromboxane A2 generation

He Liu, University of British Columbia Supervisor: Ya Shen

Injectable Glucose-Responsive Hydrogel for Pulpitis under Hyperglycaemia

Maryam Shahrokhi Sardoo, University of Alberta

Development and Initial Validation of a Questionnaire to Measure Patient Experience with Low-Intensity

Pulsed Ultrasound (LIPUS) Therapy

Wing Hei Wong, University of Toronto Supervisor: Christopher McCulloch

Cyclosporin A Inhibits Intracellular Collagen Degradation in Gingival Overgrowth

SENIOR CLINICAL/PRE-CLINICAL RESEARCH CATEGORY

Sanaz Bohlouli, University of Alberta Supervisor: Maryam Amin

Exploring the Link Between Children's Mental Health and Oral Health

Rewant Chauhan, McGill University Supervisor: Belinda Nicolau

Antibiotic use and oral microbiome dysbiosis in US adults

Teris Mathew, University of British Columbia Supervisor: Siddharth Vora

Artificial Intelligence-Driven Escalation in Caries Diagnosis and Treatment Decisions

Wafaa Safour, University of British Columbia Supervisor: Mohamed Gebril

Novel 3D Palatal Morphometry for Obstructive Sleep Apnea Screening

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 Canadian-affiliated and international dental researchers, based on the criteria applied by the IADR Hatton judging committee.