



2018-2019 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). Awards will be presented to winners at the Annual General Meeting of the CADR, which will be held in conjunction with the meeting of the IADR/AADR/CADR meeting in Vancouver, BC in June 2019. Two of the winners will also represent Canada at the Unilever/Hatton competition in Vancouver.

In 2018-19, a total of 19 students received awards:

JUNIOR CATEGORY – First Place and Unilever/Hatton competitor

Ziqi Liu from the University of Toronto received first place in the Junior category for her work "Identification of Neutrophil Proteins that Degrade Restorations and Tooth". Ziqi's work was supervised by Dr. Yoav Finer at the University of Toronto and she will attend the IADR meeting in Vancouver, BC to represent Canada at the Hatton competitions.

SENIOR – BASIC SCIENCE CATEGORY – First Place and Unilever/Hatton competitor

Fang-Chi Li from the University of Toronto was awarded first place in the Senior – Basic Science category for the project "Micro-tissue engineering dentin with photodynamically-crosslinked-nanoparticles improves fatigue-resistance of endodontically-treated teeth". Her work was supervised by Dr. Anil Kishen at the University of Toronto and she will also represent Canada at the Hatton competitions in Vancouver, BC.

The following students received **travel awards** to present their research at the IADR/AADR/CADR meeting in Vancouver, BC, Canada:

JUNIOR CATEGORY

Elizabeth Worndl, University of Toronto Supervisor: Dr. Laura Dempster Evaluating Patient Comprehension and Perception of the Informed Consent Process for Simple Extractions

Ling-Yi Chen, The University of British Columbia Supervisor: Dr. Joy Richman Dental maturation in Canadian children – A cross-country comparative study

Tasha Hou, University of AlbertaSupervisor: Dr. Maryam AminCultural Competency of Dental Students at the University of Alberta

Jong Hoon Kong, The University of British Columbia Supervisor: Dr. Adriana Manso Manufacturing doxycycline and/or metal ion loaded polymethylmethacrylate microspheres

Kartik Suri, The University of British Columbia Supervisor: Dr. Vindesh Kapoor Participatory desgin improves oral self-care in high caries risk children

Lucy Leon, Western University Supervisor: Dr. Jacinta Santos Two-Year follow-up study of Class V Glass-Ionomer Restorations placed by dental students

SENIOR BASIC SCIENCE CATEGORY

Anam Hashmi, University of Toronto Supervisor: Dr. Anil Kishen Impact of Dentin Conditioning with Chitosan-Hydroxyapatite Nanocomplexes on Sealer-Dentin Interface Russel Gitalis, University of Toronto Supervisor: Dr. Yoav Finer Human Neutrophils Degrade Methacrylate Resin Composites and Tooth Dentin

Raed Said, University of Saskatchewan Supervisor: Dr. Silvana Papagerakis Clinical Relevance of Circadian Clock Disruption in Amelogenesis

Haider El-Waeli, McGill University Supervisor: Dr. Belinda Nicolau Non-steroidal anti-inflammatory drugs' (NSAID) chronotherapy could enhance bone healing after bone surgery in mice

Daniela Roth, University of AlbertaSupervisor: Dr. Daniel GrafConnecting Altered Suture Development to Midfacial Hypoplasia

Pranidhi Baddam, University of Alberta Supervisor: Dr. Carlos Flores-Mir Midfacial hypoplasia and nasal septum deviation caused by altered cartilage

Ana Carla Bezerra, University of Manitoba Supervisor: Dr. Rodrigo Franca XPS characterizations of CAD/CAM lithium-disilicate-based glass-ceramics after HF etching

Lina Marin, Western University Supervisor: Dr. Walter Siqueira Effect of engineered salivary peptides on Streptococcus mutants adherence to the enamel

Raisa Catunda, University of Alberta The role of loricrin in periodontitis Supervisor: Dr. Maria Febbario

SENIOR - CLINICAL SCIENCE CATEGORY

Fabiana Tolentino Almeida, University of AlbertaSupervisor: Dr. Paul MajorDiagnostic 3D Ultrasound Assessment of Temporomandibular Joints - A feasibility study

Balgees Almufleh, McGill University Safety Checklist for Restorative Dentistry Supervisor: Dr. Faleh Tamimi

Trainees working in dental and oral health research in Canada applied for the Unilever/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 23 dental researchers from across Canada, based on the criteria applied by the IADR Hatton judging committee.