

## 2017-2018 CADR-NCOHR Student Research Award Winners

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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 AADR/CADR meeting in Fort Lauderdale, Florida, USA in March 2018. Two of the winners will represent Canada at the Unilever/Hatton competition in London, England in July 2018. In 2017-18, a total of 16 students received awards:

### JUNIOR CATEGORY – First Place and Unilever/Hatton competitor

**Tong Chen** from the University of Toronto received first place in the Junior category for his work “The Polymer-Induced Liquid Precursor (PILP) Method Applied To DNA Nanostructures”. Tong’s work was supervised by Dr. Karina Carneiro at the University of Toronto and he will attend the IADR meeting in London, England to represent Canada at the Hatton competitions.

### SENIOR - CLINICAL SCIENCE CATEGORY – First Place and Unilever/Hatton competitor

**Haider Al-Waeli** from McGill University was awarded first place in the Senior – Clinical Research category for the project “Non-steroidal anti-inflammatory drugs’ chronotherapy could enhance bone healing after surgery”. His work was supervised by Dr. Faleh Tamimi at McGill University and he will represent Canada at the Hatton competitions in London, England.

The following students received **travel awards** to present their research at the AADR/CADR meeting in Fort Lauderdale, Florida, USA:

### SENIOR - BASIC SCIENCE CATEGORY

**Georgia Nikoloudaki**, Western University                      Supervisor: Dr. Doug Hamilton  
 Characterization of the Effect of Periostin Deletion on Palatal Wound Healing

**Adrian Danescu**, The University of British Columbia      Supervisor: Dr. Joy Richman  
 Directed, Mesenchymal Cell Movements Contribute to Midfacial Narrowing

**Muna Marashdeh**, University of Toronto                      Supervisor: Dr. Yoav Finer  
 Enterococcus faecalis has Hydrolase Activities that Degrade Resin Composites and Dentinal Collagen

**Jiarui Bi**, The University of British Columbia              Supervisor: Dr. Hannu Larjava  
 Suppression of avb6 Integrin Expression by Polymicrobial Oral Biofilms

**Amel Ben Lagha**, University of Laval                      Supervisor: Dr. Daniel Grenier  
 Tea polyphenols protect gingival keratinocyte tight junction disruption induced by TNF- $\alpha$  and attenuate the activation of NF- $\kappa$ B and IL-1 $\beta$  secretion in monocytes/macrophages.

**Yuli Berlin-Broner**, University Alberta                      Supervisor: Dr. Liran Levin  
 Apical Periodontitis as a Contributive Risk Factor for Atherosclerosis

**Xian Jun David Lu**, The University of British Columbia    Supervisor: Dr. Catherine Poh  
 Assessing Quality and Quantity of FFPE DNA Samples Using ddPCR

SENIOR – CLINICAL SCIENCE CATEGORY

**Petros Kechagioglou**, University of Saskatchewan      Supervisor: Dr. Silvana Papagerakis  
Circadian Disruption, Oral Cancer, and Precision Health

**Kelly Liu**, The University of British Columbia      Supervisor: Dr. Catherine Poh  
Deregulated Immune-Related Gene Expression Indicates Nodal Metastasis in Oral Cancer

**Hayder Mahdi**, University of Toronto      Supervisor: Dr. Marco Magalhaes  
Characterization of the inflammatory infiltrates in oral epithelial dysplasia and orals quamous cell carcinoma: a potential new tool to predict malignant transformation

**Iben Lucsanszky**, The University of British Columbia      Supervisor: Dr. Dorin Ruse  
Fracture toughness, flexural strength and modulus of CAD/CAM blocks

JUNIOR CATEGORY

**Kelsey O'Hagan Wong**, University of Toronto      Supervisor: Dr. Laura Dempster  
Communication Skills Assessment of Internationally Trained Dentists

**Alina Phen**, University of Toronto      Supervisor: Dr. Ben Ganss  
Amelotin Induces Crystal Growth on Amelogenin Nanoribbons

**Naomi Kadoch**, University of Montreal      Supervisor: Dr. Elham Emami  
Patient-Centered Care in an Indigenous Primary Healthcare Organization : A Qualitative Evaluation

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 22 dental researchers from across Canada, based on the criteria applied by the IADR Hatton judging committee.

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