



**ALPHA OMEGA
FOUNDATION
CANADA**

1970-2020

**50th YEAR
ANNIVERSARY**



Alan Vinegar, DDS
Alpha Omega Foundation Canada
President

Message from the President

This past November marked Alpha Omega Foundation of Canada's Golden Anniversary. For fifty years, AO Foundation has been and continues to be the charitable arm of Alpha Omega.

Every member of AO is also a member of the Foundation. With the strength of numbers and dedication, we have celebrated many milestones in giving. Most notably, AO Foundation helped to establish both the dental school at Hebrew University and the dental school at Tel Aviv University.

The Foundation gives money annually in four different ways. Each year, five dollars from each member's annual dues goes to Israel's two dental schools. The Foundation also donates bursaries across Canada each year to worthy graduate student research projects. One of the ways we support undergraduate students is through the Dr. John A. Sherman Memorial fund, a scholarship for community service and academic excellence to undergraduates across Canada in 2nd and 3rd-year dentistry.

Finally, annual donations go to dental charities both locally and in Israel. The Foundation has donated to such worthy causes in Israel as Dental Volunteers for Israel (DVI) and Yad LaKashish, to name but a few. Locally, we have contributed to Baycrest Dental Clinic and Montreal Jewish General Hospital. We also partner with Jewish Family and Child Services (JF&CS) and CAMH (Center for Addiction and Mental Health) Dental Clinic.

Our Foundation members are dedicated and passionate about Alpha Omega. Through their generosity, several Funds and projects have been established. These include the Tribute Fund, Henry Schein Cares–Holocaust Survivors Oral Health Program, Marlene Tenenbaum Memorial Fund, Terry Shapero Memorial Fund, Katz Memorial Fund, and Dentistry for All.

As President, I would like to thank those who have gone before me. Alpha Omega Foundation of Canada boasts a rich history of leaders. Several Canadian Past International Presidents of Alpha Omega have also served as president of the Foundation of Canada. These people have forged a path and created a legacy that will continue for generations to come. It is because of their strong leadership that we celebrate today. In this Golden Anniversary year, we can look forward to new leaders stepping forward to join us in making these worthwhile contributions to our community, fraternity, and profession.

I would also like to take this opportunity to thank the current Board of Directors: Sandra Fatslicht (Vancouver) our immediate Past President, Elliot Goldenberg (Montreal) Vice–President, Harvey Cooperberg (Toronto) Director, Larry Stanleigh (Calgary) Director, and PIP Marcy Schwartzman (Vancouver) Director. A huge thank you goes to Miriam Rosenberg (Toronto) who has held the position of Secretary/Treasurer for 20 years. Miriam is the heart and soul of our Foundation.

Lastly, I want to thank the Directors Emeritus starting with Ted Schipper (Toronto) who keeps us in line with all things constitutional. Thank you as well to Larry Stanleigh (Past President), Sandra Fastlicht (Immediate Past–President), PIP Michael Tenenbaum (Past President) Rick Rodney (Past President), Mel Schwartz (Past President), Harvey Taub (Secretary–Treasurer), and David Eisenstat (Past President).

As we look back on Alpha Omega Foundation of Canada's past fifty years and look ahead to the next fifty, may we all go from strength to strength.

Fraternally and respectfully submitted,

Alan Vinegar, DDS
President
Alpha Omega Foundation Canada Board of Directors

Congratulations from AO International

Message from International President Alan Moltz

Dear Worldwide Alpha Omega Family,

Alpha Omega International wishes to congratulate the Canadian Foundation on its Golden Anniversary.

Originally founded in 1970, the Canadian Foundation continues to support Dentistry in Canada, Dental Research Projects and, of course, all Canadian members, through the Foundation, support both Hebrew University in Jerusalem and Tel Aviv University Dental Schools.

Canadian Alpha Omega members have a long legacy of Philanthropy and have much of which to be proud. We wish all our Canadian members a hearty “Mazel Tov” and “Toda Raba.”

With pride,

Alan Moltz, DDS, FAGD

International President

2020-2021 Alpha Omega International Dental Society



Presidents and Secretaries-Treasurers

PRESIDENTS:

Murray Cornish 1970-1974

Isadore Wolch 1974-1978

Murray Cornish 1978-1979

Gordon Perlmutter 1979-1992

Richard Rodney 1992-1997

Mervyn Gornitsky 1997-2000

Mitchell Levine 2000-2002

Larry Stanleigh 2002-2004

Ira Schechter 2004-2006

Michael Tenenbaum 2006-2008

Ted Schipper 2008-2010

Jeffrey Kirshenbaum 2010-2012

David Eisenstat 2012-2014

Mel Schwartz 2014-2018

Sandra Fastlicht 2018-2020

Alan Vinegar 2020-

SECRETARY-TREASURERS:

John Sherman 1970-1976

Len Shapira (Secretary) 1976-1979

John Sherman (Treasurer) 1976-1979

Harvey Taub 1979-1990

Mitchell Levine 1990-1991

Ted Schipper 1991-2000

Miriam Rosenberg 2000-

THE DR. JOHN A. SHERMAN PRIZE

The late Etta Sherman, the wife of founding AO Foundation Secretary-Treasurer, Dr. John Sherman, created the Dr. John A. Sherman Prize in his memory. Her will (1998) established that prizewinners must be in their second or third year of undergraduate dental studies in a Faculty of Dentistry in Canada where there are undergraduate Alpha Omega dental students. The prize is awarded for "scholastic achievement and leadership." The amount of the prize depends on interest earned and the number of successful candidates each year. The prize need not be awarded every year. \$59,250.00 and 79 prizes have been awarded.

Sherman Prize Recipients: 2020-2006

2020 – \$1,000.00 each awarded

Emad Fard, Western University
Wayne Cutinha, Western University
Aaron Miller, University of Toronto
Noah Gasner, University of Toronto
Stephanie Wiseman, McGill University
Rachel Korman, McGill University

2019 – \$1,500.00 each awarded

Shalom Benzaquen

2018 – \$1,500.00 each awarded

Kelli Stein
Josh Raisin

2017 – no prizes awarded

2016 – no prizes awarded

2015 – no prizes awarded

2014 – no prizes awarded

2013 – no prizes awarded

2012 – no prizes awarded

2011 – no prizes awarded

2010 – no prizes awarded

2009 – \$600.00 each awarded

Lani Kraus, University of Toronto
Stacey Kirshenblatt, University of Toronto
Brooke Pancer, McGill University
Sean Prusky, University of Toronto
Sean Tjandra, University of Toronto
Darya Bikey, University of Saskatchewan
Ryan Schure, University of Toronto
Charles Cohen, McGill University
Michael Gavelis, University of Saskatchewan
Sari Hershenfield, University of Toronto

2008 – \$1,100.00 each awarded

Debbie Levin, University of Toronto
Tracy Hendler, University of Toronto
Ryan Schure, University of Toronto
Hayley Naiberg, University of Western Ontario
David Walt, University of Western Ontario
Amanda Huminicki, University of Toronto

2007 – \$750.00 each awarded

Molly Gareh, University of Toronto
Emily Singer, University of Toronto
Tracy Hendler, University of Toronto
Jared Rykiss, University of Manitoba
David Walt, University of Western Ontario
Oriana Ly, University of Western Ontario
Adam Kaplan, University of Western Ontario
Lauren Spivak, McGill University

2006 – \$580.00 each awarded

Ilana Gold, McGill University
Lindsay Jakubovic, McGill University
Mark Jesin, University of Toronto
Jordana Platt, University of Toronto
Mark Yarascavitch, University of Toronto
Matthew Saper, University of Manitoba
Jared Rykiss, University of Manitoba
Oriana Ly, University of Western Ontario
Laurie Suraski, University of Western Ontario
Simran Sandhu, University of Saskatchewan

Sherman Prize Recipients: 2005-2000

2005 – \$500.00 each awarded

Allen Aptekar, University of Saskatchewan
Melissa Goodman, University of Toronto
Jennifer Hittner, University of Toronto
Lindsay Jakubovic, McGill University
Jordan Klimitz, University of Manitoba
Brad Lands, University of Montreal
Asha Madhavii, University of Manitoba
Jonathan Madras, University of Western Ontario
Mary Ellen Polymeris, University of Toronto
Cameron Zealand, University of Manitoba

2004 – \$500.00 each awarded

Andrea Heckler, McGill University
Darren Kaplan, University of Toronto
Brad Lands, University of Montreal
Brian Lastman, University of Toronto
Gina Markin, University of Toronto
Bram Salis, University of Montreal
Kyle Stevens, University of Toronto
Belinda Weltman, University of Manitoba

2003 – \$700.00 each awarded

Jillian Gordon, University of Toronto
Yvonne Lam, University of Toronto
Michael Landzberg, University of Toronto
Dara Kimia, University of Montreal
Nelly Chafai, University of Montreal
Milos Lekic, University of Manitoba
Andrea Heckler, McGill University

2002 – no prizes awarded □ 2001 – no prizes awarded

2000 – \$950.00 each awarded

Jaclyn Altman, University of Toronto
Jordan Bender, University of Toronto
Alexandra Costa, McGill University
Bonnie Gitman, McGill University
Erin Heneghan, University of Manitoba
Tammy Herzog, University of Toronto
Rakesh Mehta, University of Manitoba
Scott Posen, University of Toronto
Mark Reich, McGill University
Natalie Sanche, University of Manitoba
Erica Zamon, University of Toronto



Research Grants

In 1991, Dr. Mervyn Gornitsky (Montreal) proposed at the annual meeting of Canada's AOF that a Research Project Grant programme be established to acknowledge original dental research in Canadian institutions. Prospective recipients would need to apply, and their project and request would be thoroughly vetted by a committee of the Foundation. Preference would be given to Alpha Omega members. The AOF of Canada decided to allocate up to \$10,000.00 per year for this project. The first awards were presented at the 1993 annual meeting of the AOF of Canada. \$222,182.34 and 144 projects have been supported.

2020 - \$9,550.00

Dr. Cameron Stewart, University of Toronto – Self-assembled coatings for controlled peri-implant drug delivery - \$1,800.00

Dr. Faez Al-hamed, McGill University – Differences in platelet concentrates (PCs) composition influence bone healing - \$1,250.00

Dr. Fang-Chi (Alice) Li, University Toronto – Deciphering macrophage-stem cell from apical papilla (SCAP) choreography in a novel 3D tissue graft model - \$1,250.00

Dr. Sonia Huang, University of Toronto – Neutrophils responses to multispecies oral biofilms - \$1,250.00

Dr. Zach Gouveia, University of Toronto – Development of novel biostable dental resins - \$1,250.00

Dr. Farinaz Ketabat, University of Saskatchewan – Development of a novel drug delivery system based on a circadian profile for head and neck cancer treatment - \$1,250.00

Dr. Babatunde Alli, McGill University – Chemoprevention of HPV-related HNCs: a translational approach - \$500.00

Dr. Thomas Vilde, University of Toronto – An accelerated aging protocol based on thermomechanical and biochemical challenges for dental bonding agent development - \$500.00

Dr. Meenakshi Pundir, University of Saskatchewan – Development of non-invasive biosensors for detecting salivary biomarkers linked to circadian rhythm disruption - \$500.00

2019 - \$9,750.00

Dr. Leah Mender, University of Toronto – Comparison between intranasal midazolam and dexmedetomidine for procedural sedation in pediatric dental patients - \$1,750.00

Dr. Qiman Gao, McGill University – Needle-free dental anaesthesia technique: from laboratory to dental clinic - \$1250.00

Ms. Iris Lin, University of British Columbia – Oral dysplasia and immune cell spatial relationships: potential indicators of malignant progression - \$1,250.00

Dr. Meenakshi Pundir, University of Saskatchewan – Development of a non-invasive biosensor for detecting salivary biomarkers linked to circadian rhythm disruption - \$1,250.00

Dr. Farinaz Ketabat, University of Saskatchewan – Development of a novel drug delivery system based on circadian profile for head and neck cancer treatment - \$1,250.00

Dr. Silvia Gianoni-Capenakas, University of Alberta – Skeletal, dental and upper airway changes in skeletal Class II division 1 patients with the constricted maxilla treated with Twin Block and Hyrax - \$500.00

Dr. Faez Al-hamed, McGill University – How blood aging affects the bone regenerative potential of platelet rich plasma (PRP) - \$500.00

Dr. Wenji Cai, McGill University – The electrochemical properties of titanium implants to eliminate pathological biofilm while preserving their osteointegration - \$500.00

Dr. Rana Badewy, University of Toronto – The association between maternal oral inflammation and the composition of breast milk: a cross-sectional study - \$500.00

Dr. Fatemeh Mohabatpour, University of Saskatchewan – Regeneration of the enamel-dentin tissue using a 3D printed dual-compartment scaffold - \$500.00

Dr. Zohre Gheisary, University of Saskatchewan – Lifestyle traits effect on microbiome population and the circadian clock in patients with rheumatoid arthritis - \$500.00

2018 - \$9,200.00

Dr. Faez Al-Hamed, McGill University – Effect of serotonin depletion and FXIII-A enrichment on the bone healing properties of platelet concentrates – \$1,500.00

Dr. Madhurima Datta, University of British Columbia – A computer-facilitated non-invasive approach to detect potentially malignant lesions in the oral cavity using alterations I cell DNA quantity and organization – \$1,000.00

Dr. Harsimrat Kaur, University of Alberta – An in-vitro study to evaluate the force system delivered by clear aligners in Gull arch mechanics – \$700.00

Dr. Farinaz Ketabat, University of Saskatchewan – Biomedical applications of injectable hydrogels for intra-tumoral drug delivery and assessment of a combination of anti-cancer drugs in oral cancer – \$500.00

Dr. Patricia Brooks, University of Toronto – Multinucleated giant cell formation – \$1,500.00

Dr. Petros Kechagioglou, University of Saskatchewan – Improving clinical outcomes through personalized diagnosis of human papillomavirus-related to oral cancer: a pilot in vitro study – \$1000.00

Dr. Fatemeh Mohabatpour, University of Saskatchewan – Regeneration of the enamel-dentin tissue using a 3D printed dual-compartment scaffold – \$1000.00

Ms. Iris Lin, University of British Columbia – Malignant potential of oral Lichen Planus – \$1,500.00

Dr. Meenakshi Pundir, University of Saskatchewan – Non-invasive saliva based biosensor for early oral disease detection using oral cavity as a sensing site – \$500.00

2017 - \$10,000.00

Dr. Claudie Laprise, McGill University – Human papillomavirus and head and neck cancers: a lifecourse epidemiologic approach – \$1,000.00

Dr. Haider Al-Waeli, McGill University – Non-steroidal anti-inflammatory drugs' chronotherapy could enhance post operative recovery of bone fracture surgery – \$1000.00

Dr. Raquel V. Rodrigues, University. British Columbia – Approaches for increasing durability of hybridized mineralized tissues – \$1,000.00

Dr. George Dinh-Khang Le, University of Montreal – Evaluation of the effects of osteoperforation and piezocortcision on canine retraction: randomized controlled clinical trial – \$1,000.00

Dr. Morvarid Oveisi, University of Toronto – Development of a novel technique to be able to detect neutrophil activation phenotypes in response to specific oral commensal and oral pathogenic bacteria – \$1,000.00

Dr. Zahra Dorna Mojdami, University of Toronto – Correlation between clinical periodontal parameters, periodontal biological markers & self perceived oral health status in Type 1 and Type 2 diabetic patients: a cross-sectional study – \$500.00

Dr. Zeeshan Sheikh, University of Toronto – Development of a novel weight bearing bone biomaterial of calcium polyphosphate (CPP) infiltrated with dicalcium phosphate containing a bone anabolic drug for use in maxillofacial and orthopedic surgical applications – \$1,000.00

Dr. Rebecca Chan, University of Toronto – Micro-computed tomography evaluation of the efficacy of hard-tissue removal from the root canal and isthmus area by the Gentlewave system – \$500.00

Dr. Anca Serbanescu, University of Toronto – Effect of metronidazole in the modulation of neutrophil activity against periodontal pathogens – \$500.00

Dr. Jocelyn Shim, University of Toronto – Impact of orthodontic finishing on masticatory performance – \$500.00

Dr. Petros Kechagioglou, University of Saskatchewan – Improving clinical outcomes through personalized diagnosis of human papillomavirus-related to oral cancer: a pilot in vitro study – \$1,000.00

Dr. Fatemeh Mohabatpour, University of Saskatchewan – Regeneration of the enamel-dentin tissue using a 3D printed dual-compartment scaffold – \$500.00

Dr. Mohammed AlSaloum, University of British Columbia – Marginal fit of CEREC E.max and Celtra duo crowns – \$500.00

2016 - \$10,750.00

Dr. Mohamed El-Rabbany, University of Toronto – A critical evaluation of the therapeutic efficacies of current medication-related osteonecrosis of the jaw (MRONJ) management strategies: a retrospective cohort study – \$750.00

Dr. Aaron Fox, University of Toronto – Artificial vertical root fracture detection in endodontically treated single-rooted teeth using a root filling material with reduced beam hardening artefact and cone beam computed topography imaging – \$500.00

Dr. Jacqueline Lopez-Gross, University of Toronto – Astroglial plasticity within the rat orofacial sensorimotor cortex after endodontic treatment vs. tooth extraction – \$500.00

Dr. Turney McKee, McGill University – Regulation of pro-inflammatory macrophages by fibrillin-1: potential role in periodontitis – \$1,500.00

Dr. Corey Ng, University of Toronto – The prevalence of dental and skeletal malocclusions in children with obstructive sleep apnea and the effects of positive airway pressure therapy on the skeletal base in those with Down syndrome or obesity – \$1,000.00

Dr. Ouliana Oguienko, University of Toronto – Mechanical properties of graded thermodynamic nickel titanium archwires in bending and torsion – \$1,000.00

Dr. Zeeshan Sheikh, University of Toronto – A novel strategy for treating peri-implant disease by immuno-modulatory polyurethane biomaterials – \$1,500.00

Dr. Cameron Stewart, University of Toronto – Novel drug-templated mesoporous silica for dental adhesive applications – \$2,000.00

Dr. Farzeen Tanwir, University of Toronto – Identification of novel neutrophil phenotypes associated with infection susceptibility in pediatric neutropenia – \$1,000.00

2015 - \$12,000.00

Dr. Maryam Elyasi, University of Alberta – Modelling the theory of planned behaviour to improve adherence to oral health preventive measures in preschool children – \$500.00

Ms. Leigha Rock, University of British Columbia – Can toluidine blue uptake predict malignant progression of low-grade oral lesions? – \$750.00

Dr. Luisa Schuldt, University of British Columbia – Disinfection of dental implant surface by leukocyte-platelet rich fibrin – \$750.00

Dr. Mohammed Al-Saleh, University of Alberta – Assessment of temporomandibular joint internal derangement using MRI-CBCT image registration – \$1,000.00

Dr. Yuli Berlin-Broner, University of Alberta – Association between apical periodontitis and atherosclerosis – \$500.00

Dr. Matthew Kotyk, University of Manitoba – Dental, skeletal and growth effects of malocclusion treated with the van Beek headgear activator and comprehensive fixed orthodontic appliances – \$500.00

Dr. Faryn Berger, University of Toronto – Resveratrol effect on oral inflammatory load in chronic periodontitis – \$1,000.00

Dr. Amarjot Singh, McGill University – The DNA methylation signature in orofacial neuropathic pain patients – \$750.00

Dr. Zeeshan Sheikh, University of Toronto – Monetite cement grafts loaded with a novel C3 conjugate drug to achieve more predictable and greater bone regeneration – \$1,500.00

Dr. Annie Shrestha, University of Toronto – Dentin conditioning with functionalized bioactive nanoparticles for tissue integration – \$2,000.00

Dr. Harsimrat Kaur, McGill University – Role of salivary cytokines in the transition from acute to chronic pain after breast cancer surgery – \$750.00

Dr. Eri Ikeda, University of Toronto – Resveratrol dimer (Melinjo) induces healing of experimental periodontitis in a mouse model – \$1,500.00

Dr. Ralph Dana, University of Toronto – Treatment of non-traumatic dental emergencies by family and emergency physicians – \$500.00

2014 - \$5,000.00

Dr. Guy Aboodi, University of Toronto – Oxidative stress: a key player in the host response to periodontal disease - \$750.00

Dr. Ashwaq Al-Hashedi, McGill University – Titanium implant decontamination - \$2,000.00

Dr. Kelvin Afrashtehfar, McGill University – Creation of a knowledge translation tool in restorative dentistry - \$1,000.00

Dr. Siavash Hassanpour, University of Toronto – Characterization of local and systemic neutrophils in health and disease - \$750.00

Dr. Harsimrat Kaur, McGill University – Salivary cytokines and severe pain after breast cancer surgery: a productive insight - \$500.00

2013 - \$10,550.00

Dr. Guy Aboodi, University of Toronto – The oral innate immune response during periodontal disease - \$1,000.00

Dr. Andrei Ionescu, University of Toronto – To develop a protocol for the delivery of charged antimicrobial nanoparticles in suspension through the portals of exit of a root canal system and into the periapical tissues using custom electric fields - \$2,000.00

Dr. Kerry D'Costa, University of Toronto – MMP cleaved fetuin may lose its ability to inhibit TGF-Beta and BMP-2 activity - \$2,000.00

Dr. Jason Yee, University of Toronto – The impact of maternal oral inflammation on the neonatal quality of life - \$2,000.00

Dr. Sebastien Dostie, University of British Columbia – Disinfection of Straumann SLA dental implants colonized by multispecies oral biofilm - \$500.00

Dr. Mohamed ElSalhy, University of Alberta – Roles of DMP-1 in root resorption after dental trauma - \$2,000.00

Dr. Humam Saltaji, University of Alberta – Methodological characteristics and treatment effect sizes in oral health randomized controlled trials: Is there a relationship? - \$1,050.00

2012 - \$10,000.00

Dr. Guy Aboodi, University of Toronto – The oral innate immune response during periodontal disease - \$2,000.00

Dr. Abbasali Hassanali, University of Toronto – Role of filamin A in mechanical protection of periodontal tissue - \$2,000.00

Dr. Flavia Lakschevitz, University of Toronto – Phenotypic changes in neutrophils from blood to oral cavity in periodontal patients – \$2,000.00

Dr. Gillian Layton, University of Toronto – Understanding fluid dynamics in conventional and two ultrasonic irrigation methods using a novel experimental approach - \$2,000.00

Dr. Quyen Su, University of Toronto – Genomic loci involved in alveolar bone loss and neutrophil recruitment in AXB/BXA inbred mice - \$2,000.00

2011 - \$7,500.00

Dr. Michael Major, University of Alberta – Evaluation of CBCT imaging for diagnosing adenoid hypertrophy and deviated nasal septum - \$1,000.00

Dr. Anoushe Peradmehr, University of Toronto – An in vitro evaluation on the ability of a biologically active nano-carrier based photodynamic therapy to stabilize dentin matrix metalloproteinases - \$2,000.00

Dr. Tom Wierzbicki, University of Manitoba – Cytokine and prostaglandin expression in primary human osteoblasts under inflammatory conditions – \$1,500.00

Dr. Rajan Saini, University of British Columbia – Role of microRNAs in oral cancer tumorigenesis - \$3,000.00

2010 - \$5,000.00

Dr. Guy Aboodi, University of Toronto – Increased clinical attachment loss in patients with a hyperactive oral neutrophil phenotype – \$2,000.00

Dr. Flavia Lakschevitz, University of Toronto – Phenotypic changes in neutrophils from blood to oral cavity in periodontal patients – \$1,500.00

Dr. Tom Wierzbicki, University of Manitoba – Cytokine and prostaglandin

2009 - \$7,300.00

Dr. Guy Aboodi, University of Toronto – Oral neutrophilgingival delivery kinetics and activity during different stages of periodontal disease – \$1,000.00

Dr. Valerie Tom-Kun, University of Toronto – Blockade of toll-like receptor-2 to inhibit the lipopolysaccharide suppression of genes involved in mineralized matrix formation in human dental pulp stem cells – \$1,000.00

Dr. Karina Roth, University of Toronto – Development of a model for the analysis of bacterial challenges of the sealer-root dentin interface – \$1,000.00

Dr. Babak Nurbakhsh, University of Toronto – Post-treatment resolution of maxillary sinus mucositis associated with apical periodontitis of maxillary teeth: a cone-beam CT investigation - \$1,000.00

Dr. Nghe Luu, University of Alberta – Study model analysis using cone-beam computed tomography-generated digital models – \$1,000.00

Dr. Ashraf Abd-Elmeguid, University of Alberta – Roles of dentin matrix protein 1, substance P and calcitonin gene related peptide in dental pulp calcification: implications for prevention of calcific metamorphosis after tooth replantation – \$1,000.00

Dr. Katia Muller, McGill University – Natural history of oral and oro-pharyngeal cancer precursors – \$1,000.00

Dr. Violet D'Souza, McGill University – Anxiety in head and neck cancer patients: a clinical trial examining the effectiveness of the multimode comprehensive tailored information package (MCTIP) – \$300.00

2008 - \$5,900.00

Dr. Andrea Heckler, University of Toronto - Development of a 3 dimensional model system to study tooth movement - \$1,500.00

Dr. Jonathan Albilal, University of Toronto – Serum levels of alpha-2HS glycoprotein (AHSG) in patients who have developed heterotopic ossification and those who have not following TMJ or hip arthroplasty - \$4,000.00

2007 - \$6,000.00

Dr. Norihisa Higashihori, University of British Columbia – The role of TBX22 transcription factor in the etiology of clefting - \$4,000.00

Dr. Andrea Heckler, University of Toronto - Development of a 3 dimensional model system to study tooth movement - \$2,000.00

2006 - \$8,000.00

Dr. Limor Ativi-Arber, University of Toronto – Motor cortex plasticity related to altered orofacial sensorimotor function: animal model and clinical implications - \$2,000.00

Dr. Gary Finkleman, University of Toronto – Rapid non-invasive diagnostic test to be used to identify periodontal disease in complex continuing care and special needs patients in long term healthcare facilities - \$1,000.00

Dr. Andrea Heckler, University of Toronto – Development of a 3 dimensional model system to study tooth movement - \$2,000.00

Dr. Michael Landzberg, University of Toronto – Assaying of oral neutrophil levels as a way of monitoring periodontal disease status in an adult population - \$1,000.00

Dr. Gaelle Villette, University of Toronto – Development of an ex-vivo model for quantification of root canal bacteria during endodontic treatment - \$1,000.00

Dr. Amy Yuen, University of Toronto – Impact of diabetes induced chemical modifications and biomechanical alterations of extracellular matrix proteins on cardiac cell phenotype and signalling through matrix receptors - \$1,000.00

2005 - \$4,000.00

Dr. Yair Lenga, University of Toronto – Role of osteopontin in promoting tissue repair - \$4,000.00

2004 – No Grants Awarded

2003 - \$6,000.00

Dr. Andrea Johnstone, University of Toronto – Neutrophil function in refractory periodontitis: a rapid assay to assess neutrophil function - \$2,000.00

Dr. Sandra Chong, University of Toronto – Role of diabetes-associated glycogen of collagen: effects on collagen phagocytosis & cell signalings - \$4,000.00

2002- \$8,000.00

Dr. Jordan Bender, University of Toronto – The assaying of neutrophil levels as a way of monitoring periodontal disease status - \$2,000.00

Dr. Vinay Bhide, University of Toronto – The basic mechanisms by which cigarette smoke impacts on the health of periodontal tissues - \$2,000.00

Dr. Carol Chahine, McGill University – The role of osteopontin and CD44 in inflammatory arthritis - \$1,000.00

Dr. Andrew Moncarz, University of Toronto – The facilitation of physical therapy for patients with myalgia using botulism toxin - \$1,000.00

Dr. Brett Saltzman, University of Toronto – The assessment of a novel alternative to conventional formacresol-ZOE pulpotomy in the treatment of pulpally involved human primary teeth; diode laser-MTA pulpotomy - \$2,000.00

2001 - \$10,000.00

Dr. Jennifer Kushner, University of Toronto – The effect of oral mucositis on the quality of life in patients undergoing allogenic bone marrow transplant - \$1,000.00

Dr. Ziv Simon, University of Toronto – Heterotropic bone formation around porous surfaced bone-interfacing implants implanted into murine muscle pouch - \$2,500.00

Dr. Irit Shoal, University of Toronto – The relationship between biochemical, clinical and psychosocial parameters in patients with oral mucositis arising from allogenic bone marrow transplant therapy - \$2,500.00

Dr. Alex Tache, University of Toronto – The effect of surface chemistry and/or microtexture on the rate of osseointegration of bone-interfacing implants with a sintered porous surface geometry - \$4,000.00

2000 - \$9,611.00

Dr. Warren Cohen, University of Manitoba – In vitro fluoride release and re-release from orthodontic bonding materials containing fluoride - \$2,111.00

Dr. Andrew B. Kay, University of Toronto – Vertical ridge augmentation around porous coated dental implants - \$2,500.00

Dr. Avi Shelemay, University of Toronto – The effects of etidronate (HEBD) on osseo-integration of sintered porous surfaces in a rabbit femur - \$2,500.00

Dr. Kelly Brooke, University of Manitoba – Comparison of load transmission from torsional forces between stainless steel and selected ceramic bracket systems - \$2,500.00

1999 - \$8,800.00

Dr. Sarah Abitbol, University of Toronto – Prospective study of the outcome of non-surgical endodontic treatment - \$800.00

Dr. Rodrigo Marinho, Dalhousie University – Intrauterine surgery for cleft palate - \$5,000.00

Dr. Brent Nickolaychuk, University of Manitoba – Mechanisms of epithelial rest cell activation – an in vitro investigation of cells derived from the periodontal ligament - \$3,000.00

1998 - \$8,748.00

Dr. Yoav Finer, University of Toronto – Influence of resin chemistry on its inherent biochemical stability - \$3,018.00

Dr. Steven Bureau, University of Manitoba – Speech outcome following closure of an alveolar fistula with a bone graft - \$2,230.00

Dr. Marshall Freilich, Dalhousie University – The use of an aerophonoscope for detection of hypernasal air flow - \$3,500.00

1997 - \$5,500.00

Dr. Zvi Kantarowitz, University of Manitoba – Treatment of dental enamel with laser prior to bonding of orthodontic brackets - \$2,750.00

Dr. Ben Davis, Dalhousie University – Bone grafting of the cleft alveolus: An analysis of the results of primary grafting - \$2,750.00

1996 - \$7,988.28

Dr. Zvi Kantarowitz, University of Manitoba – Treatment of dental enamel with laser prior to bonding of orthodontic brackets - \$2,300.00

Dr. Mark Zeidenberg, University of Manitoba – In vivo testing of friction between the bracket and the orthodontic archwire - \$700.00

Dr. Miriam Velly, McGill University – Temporomandibular disorders (TMD) - \$2,488.28

Dr. Carol Oakley, University of British Columbia – Herpes simplex virus complications in mucositis following radiotherapy in the management of cancers of the head and neck region - \$2,500.00

1995 - \$10,500.00

Dr. Ivano Ongaro, University of Alberta – The effect of cell death on the morphometry of early craniofacial growth in mice - \$3,500.00

Dr. Suzanne Caudry Reznick, University of Toronto – Perturbation of gingival fibroblast cytoskeletal functions of porphyromonas gingivalis fimbriae - \$3,500.00

Dr. Ana Miriam Velly, University of Montreal – Risk factors of temporomandibular disorders - \$3,500.00

1994 - \$9,181.00

Dr. Richard N. Bohay, University of Western Ontario – A study of pantomographic image degradation due to variations in processing - \$1,681.00

Dr. Bruce Freeman & Dr. Howard Tenenbaum, Mt. Sinai Hospital and University of Toronto – Effects of psychopathology on the outcome of temporomandibular joint arthroscopic surgery - \$3,500.00

Dr. Michael Glogauer & Dr. C. A. G. McCulloch, University of Toronto – Mechanisms of physical force transduction in periodontal fibroblasts - \$4,000.00

1993 - \$7,354.06

Dr. Sandra Wood, University of Western Ontario – Research in dental materials - \$2,354.06

Dr. Howard Tenenbaum, Mt. Sinai Hospital, Toronto – Research in temporomandibular joint dysfunction - \$5,000.00

ALPHA OMEGA FOUNDATION OF CANADA – 50 YEARS (and Counting)

A Retrospective

In September 1968, then International President of the Alpha Omega International Dental Fraternity, Dr. Albert Weiser, came to the annual Fraternity Night dinner in Toronto. The Toronto Alpha Omega chapter traditionally hosts the International President at its fall dinner, a way of kicking off the upcoming season of fraternity activities for Alumni members and the return to school for Undergraduate student members.

In his address, Dr. Weiser spoke of a new undertaking on the part of the Fraternity. Alpha Omega would be establishing a charitable arm, a Foundation, whose purpose was to support dentistry and dental activities around the world. It was to be an independent organization separate from the mainstream Fraternity. Dr. Weiser hoped that the Foundation would soon become international.

In September 1969, the Alpha Omega Foundation of the United States (AOFUS) was incorporated in New York. Fourteen months later, on November 17, 1970, the Alpha Omega Foundation of Canada (AOFCA) was incorporated by Canada's Government. On November 17, 2020, the Alpha Omega Foundation of Canada celebrated its golden anniversary – 50 years of providing charitable support to dentistry and dental activities. The incorporation documents name Drs. Herbert Caplan, Murray Cornish, Lorne H. Hock, John A. Sherman, Albert Weiser, and Isadore Wolch as the Foundation's inaugural members. All other members of Alpha Omega Fraternity Canadian chapters could become Members of the Foundation.

On December 31, 1970, Drs. Caplan, Cornish, Hock, Sherman, Weiser, and Wolch elected Dr. Murray Cornish to serve as the first President of the AOFCA. Dr. Albert Weiser was elected the first Vice-president and Dr. John A. Sherman the first Secretary-Treasurer. These individuals were the first Directors of the Canadian Foundation. The first annual meeting of the Canadian Foundation took place in Ottawa, Ontario, on October 1, 1971. Five Directors attended as well as Members Drs. Sam Birnbaum, Gene Tozman, Henry Ross, Len Goodman, and Ken Levinson. The Members approved the Financial Statement and re-elected the Directors, who then re-elected the Officers.

Since the first annual meeting, there have been 15 Presidents serving 16 terms. Murray Cornish served two separate times in 1970-1974 and 1978-1979. There have been five Secretary-Treasurers since the beginning. From 1976-1979 Len Shapira served as Secretary and John Sherman as Treasurer. The two positions were again merged into one starting in 1979. Alan Vinegar is the current President, and Miriam Rosenberg is the current Secretary-Treasurer, a position she has held since 2000.

All members of Canadian Alpha Omega Fraternity Chapters are also Members of the Canadian Foundation. AO has alumni chapters in Vancouver, Calgary, Winnipeg, Toronto, and Montreal. There are six Directors, each elected for a two-year term by the Members. Except for the Secretary-Treasurer, Directors move up the ladder, eventually to serve as President. All Past-Presidents become Directors Emeriti when they have completed their term. Directors Emeriti continue to attend Foundation meetings and participate equally with Directors except for voting. The Secretary-Treasurer serves as long as s/he wishes to preserve continuity from year to year.

A portion of the annual dues that all AO Fraternity members pay is directed to the Canadian Foundation. Five dollars from each member are directed to each of the two Israeli dental schools, Hebrew University in Jerusalem and Tel Aviv University. The balance, along with donations received throughout the year, forms the corpus of Foundation funds and is distributed at the AGM to worthy Canadian and Israeli recipients. Some contributions are made at the request of the donor. Others are at the discretion of the Foundation Members attending the AGM. As a non-profit organization, the Foundation is governed by legislation regarding the proportion of funds we must keep and the portion we must distribute.

The Canadian Foundation has two special interests. One is the Research Project, initially proposed in 1991 by Dr. Mervyn Gornitsky of Montreal. Each year beginning in 1993, the Foundation has supported original dental research conducted at a Canadian dental school or hospital. Researchers need not be members of Alpha Omega, although AO members will be given preference where appropriate. Prospective candidates must apply along with details of their research. The Research Project committee then thoroughly investigates each application and makes its recommendations at the AGM. To date, the Foundation has supported 144 Research Projects for a total of just over \$222,000.00. (For a detailed list of the projects and grant amounts, see attachment.) The Foundation decided to set aside \$10,000.00 each year for this purpose.

In 1998 the late Etta Sherman, wife of the late Dr. John Sherman, bequeathed to the Canadian Foundation sufficient funds to create and support the Dr. John A. Sherman Prize. The prize(s) are given to undergraduate dental students in their second or third year of studies at a Canadian dental school with an Alpha Omega undergraduate presence. The prize is for "scholastic achievement and leadership" and is funded by the interest earned. The amount varies each year depending on interest rates and the number of qualified recipients. After Etta Sherman's bequest, many dental schools changed from a marks system to a pass/fail system. As well, during this time, privacy legislation came into effect in all Canadian provinces. Both of these actions made it difficult for the Foundation to determine "scholastic achievement," such that there were years where no prizes were given. The Foundation appealed to the Ontario courts, and revisions to the will be granted that allowed us to resume satisfying Etta Sherman's wishes.

To date, the Foundation has awarded 79 Sherman Prizes for a total of just under \$60,000.00.

Since its inception, the Canadian Foundation has held an annual meeting in the fall, usually in October or November. The Directors meet to accept the Financial Statements for the fiscal year. The Members then meet to receive reports from the Canadian Alpha Omega alumni chapters and distribute the available charitable funds. Every second year the Members also elect the Directors, who then elect the Officers, all of whom serve for the following two years. The Foundation tries to have representation from all parts of Canada at the Director level and, for the most part, has been successful in this regard. The current Directors and Officers are Alan Vinegar (President, Toronto), Elliot Goldenberg (Vice-president, Montreal), Miriam Rosenberg (Secretary-Treasurer, Toronto), Harvey Cooperberg (Director, Toronto), Marcy Schwartzman (Director, Vancouver), and Larry Stanleigh (Director, Calgary). Sandra Fastlicht (Vancouver) is the Immediate Past-president and a Director Emerita. There are 16 Directors Emeriti, 5 of whom are deceased, and 8 of whom regularly attend the AGM. Our Golden Anniversary year meeting was the first (and hopefully last) virtual meeting.

The Alpha Omega Foundation of Canada has grown from a small nucleus of people with limited funds to dispense to an active charitable organization that supports many Canadian and Israeli causes and original dental research in Canada. The Foundation also invests in the future by recognizing exceptional undergraduate members through the Dr. John A. Sherman Prize. The Officers, Directors, and Members of the Foundation know that the lot is bright and secure.

Respectfully submitted,

Ted Schipper, DDS
January 2021



**HELP SUPPORT OUR
2021 FUNDRAISING
GOAL OF \$50K**

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