

# FrontLine | PremièreLigne

Winter 2019-2020

ASSOCIATION OF PROTHODONTISTS OF CANADA | L'ASSOCIATION DES PROTHODONTISTES DU CANADA

*Specialists in Implant, Aesthetic and Reconstructive Dentistry*



## APC 2020 AGM IS IN CHICAGO ILLINOIS, FEB 20-21

HELD CONCURRENTLY WITH THE AMERICAN  
PROTHODONTIC SOCIETY AT THE SWISSÔTEL CHICAGO  
PLEASE SEE APC WEBSITE FOR DETAILS AND TO RSVP ONLINE

## Inside this issue...

PRESIDENT'S MESSAGE

PAST PRESIDENT'S MESSAGE

WHAT IS AN ENTRY LEVEL  
PROTHODONTIST?

CANADIANS AT THE INTERNATIONAL  
COLLEGE OF PROTHODONTISTS

APC PROTHODONTICS ENTRANCE  
SCHOLARSHIP

UNIVERSITY OF BRITISH COLUMBIA &  
THE UNIVERSITY OF AACHEN

NEWS FROM TORONTO

THE 5TH U OF T PROTHODONTICS  
ALUMNI SYMPOSIUM

PROTHODONTICS IN ALBERTA

NEW STUDENT MEMBER

PRESERVING OUR HISTORY

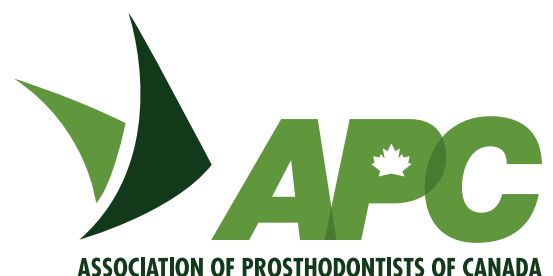
ASSOCIATION OF PROTHODONTISTS  
OF ONTARIO

LEARNING LEADERSHIP FROM THE BEST  
CDA OASIS COLLABORATION WITH APC

GRADUATE PROTHODONTICS

RESIDENTS SCORE MAJOR  
INTERNATIONAL AWARDS

SOME REFLECTIONS ON THE  
FOUNDING OF THE ASSOCIATION  
OF PROTHODONTISTS OF CANADA



[www.prosthodontics.ca](http://www.prosthodontics.ca)

## EDITOR

Dr. David Chvartzaid

## 2019 APC Executive Council

### EXECUTIVE

Dr. Caroline Nguyen Past President

Dr. Brent Winnett President

Dr. David Chvartzaid Vice President

Dr. Kieth Manning Secretary-Treasurer

### COUNCILORS

Atlantic Dr. Sarah Richardson

Dr. Peter Walker

West Dr. Vincent Lee

Central Dr. John Zarb

Dr. David Lalonde

## Provincial/Regional Presidents

### Alberta Academy of Prosthodontists

Dr. Arif Sumar

### Association dentistes spécialistes en Prosthodontie du Québec

Dr. Louis de Koninck

### Association of Prosthodontists of Ontario

Dr. Ming Yi Chou

### BC Society of Prosthodontists

Dr. David Alfaro

### Atlantic Prosthodontic Society

Dr. Richard Price

### Association of Prosthodontists of Saskatchewan

Dr. Vincent Torresyap

Published by APC

**National Office:** c/o Canadian Dental Assoc.  
1815 Alta Vista, Ottawa, Ontario K1G 3Y6

**Tel.:** (604) 418-0278

**Fax:** (604) 263-1757

**email:** administrator@prosthodontics.ca

**website:** www.prosthodontics.ca

# PRESIDENT'S MESSAGE



Dr. Brent Winnett  
President, APC

Greetings from the Frontline, Canada. I hope you all have enjoyed a challenging, successful, and satisfying year.

Almost all of you are aware and care about the impact outside forces are having on your efforts to provide the highest standard of care to our patient population. I summarized some of them in this space several months ago – as I perceived them. Many of you understand these issues through firsthand personal experience, and I believe all of us have heard of and worry about undermining influences on our profession.

In 1980, Dr. Harold Ortman, President of the American Prosthodontic Society, wrote about his understanding of some of the challenges facing Prosthodontics at the time (*Journal of Prosthetic Dentistry*, 1980). This is interesting for at least two reasons. First, several of the concerns Dr. Ortman's article addresses remain challenges today: the importance of supporting Prosthodontic organizations as the voice(s) of our profession; declining dentist attendance at scientific meetings negatively impacting patient care; patient focus on the cost rather than the quality of dental services; loss of regional autonomy in regulated dentistry; and, the rise of denturism and the critical importance of raising patient awareness of the differences between the denturist's limited role in fabricating and delivering a removable prosthesis and the dentist's comprehensive role in providing all aspects of oral health care.

The second reason Dr. Ortman's period perspective is interesting is that its surroundings provide context. Other articles in the issue include: the importance of optical magnification in the trimming of dies; the soldering of non-precious alloys, a comparison of different impression syringes; whether certain foods stain composite resin more than others; whether a newly-developed light-curable composite resin was sufficiently strong for intraoral use; the correct use of threaded posts; description of a technique to use an amalgam dowel-core to engage in endodontically treated posterior teeth; and, the concept that the shape of people's teeth should match the shape of their face, to name a few.

Perhaps it is not appropriate for me – *who in 1980 was a toddler then just learning to enjoy a full set of baby teeth* – to comment on these historical issues. If you will forgive the impertinence and the belabouring of a point perhaps already made: what is a difference between the important clinical issues of the time versus issues deemed to be a threat to the survival of our profession? The clinical issues were put to rest, but the professional issues remain. What are we to do, in 2019, struggling with many of the same concerns after decades of effort by us and our peers to promote professional activism and the pre-eminence of patient safety in all regulatory and legislative decision-making affecting dentistry?

We keep fighting. We push back against the easiness of mediocrity. We show by action we are not afraid to assert the *importance* of the highest standard of care for our patients. We do this by supporting the organizations working on our collective behalf through our membership. We do this by volunteering our time for the profession through participation and advocacy. We do this by being proud of our specialty and our professional associations, and by saying as much when we are privileged to speak to our peers. We do this by respecting our referring peers when treating their patients and their complicated histories and diverse needs. We reject apathy and smug complaisance. We demonstrate why Prosthodontics is a Specialty. We engage.

Thank you for your efforts on our behalf; your patients and your peers are in your debt.

# MESSAGE DE LA PRÉSIDENTE

Salutations de Première Ligne, Canada. J'espère que vous avez tous passé une année stimulante, remplie de succès et satisfaisante.

Vous êtes presque tous conscients et soucieux de l'impact des forces extérieures sur vos efforts visant à fournir les soins de la plus haute qualité à nos patients. J'ai résumé certaines d'entre elles dans cet espace il y a plusieurs mois - telles que je les ai perçues. Vous êtes nombreux à comprendre ces problèmes grâce à une expérience personnelle directe, et je pense que nous avons tous entendu parler de l'inquiétude qui pèse sur notre profession.

En 1980, le Dr Harold Ortman, président de l'American Prosthodontic Society, a écrit sur sa compréhension de certains des défis auxquels la prosthodontie est confrontée (*Journal of Prosthetic Dentistry*, 1980). Ceci est intéressant pour au moins deux raisons. Premièrement, plusieurs des préoccupations soulevées par l'article de M. Ortman demeurent des défis de taille aujourd'hui: l'importance de soutenir les organisations de prosthodontie en tant que voix de notre profession; la diminution de la participation des dentistes aux réunions scientifiques ayant un impact négatif sur les soins aux patients; l'attention portée par le patient sur le coût plutôt que sur la qualité des services dentaires; la perte d'autonomie régionale en dentisterie réglementée; et l'augmentation du nombre de denturologistes et l'importance cruciale de sensibiliser les patients aux différences entre le rôle limité du denturologue dans la fabrication et la mise en place d'une prothèse amovible et le rôle global du dentiste pour fournir tous les aspects des soins de santé bucco-dentaire.

La seconde raison pour laquelle la perspective du Dr Ortman est intéressante est que son environnement fournit un contexte. Parmi les autres articles de ce journal, citons: l'importance de l'amplification optique dans la taille des matrices; la soudure d'alliages non précieux, la comparaison de différentes seringues à empreinte; si certains aliments tachent la résine composite plus que d'autres; si une résine composite photopolymérisable nouvellement développée était suffisamment forte pour un usage intra-oral; l'utilisation correcte des pivots filetés; la description d'une technique utilisant l'amalgame pour restaurer les dents postérieures traitées par endodontie; et le concept selon lequel la forme des dents d'une personne doit correspondre à celle de leur visage, pour n'en nommer que quelques-uns.

Peut-être qu'il n'est peut-être pas approprié pour moi - qui en 1980 était un enfant en bas âge à peine en train d'apprendre à jouer de l'ensemble de ses dents de bébé - de commenter sur ces problèmes historiques. Si vous pardonnez l'impertinence et l'insatisfaction d'un argument déjà soulevé: quelle différence entre les problèmes cliniques importants de l'époque et ceux considérés comme une menace pour la survie de notre profession aujourd'hui! Les problèmes cliniques ont été réglés, mais les problèmes professionnels demeurent. Que devons-nous faire, en 2019, aux prises avec les mêmes préoccupations après des décennies d'efforts de notre part et de la part de nos pairs pour promouvoir le militantisme professionnel et la prééminence de la sécurité des patients dans toutes les décisions réglementaires et législatives concernant la dentisterie?

Nous continuons à nous battre. Nous repoussons la facilité de la médiocrité. Nous montrons par notre action que nous n'avons pas peur d'affirmer *l'importance* des normes de soins les plus élevées pour nos patients. Pour ce faire, nous soutenons les organisations travaillant pour nous à travers notre adhésion annuelle. Nous faisons cela en donnant de notre temps à la profession par le biais du volontarisme, de la participation et du plaidoyer. Nous le faisons en étant fiers de notre spécialité et de nos associations professionnelles, et en l'affichant lorsque nous avons le privilège de parler à nos pairs. Nous le faisons en respectant nos pairs référents lorsqu'ils traitent leurs patients, avec leur historiques compliqués et leurs besoins divers. Nous rejetons l'apathie et la complaisance béate. Nous démontrons pourquoi la prosthodontie est une spécialité. Nous nous engageons.

Merci pour vos efforts en notre nom; vos patients et vos pairs ont une dette envers vous.



## We want to hear from you!

The Association of Prosthodontists of Canada always welcomes news and contributions from its members. Please send us any experience you would like to share with your peers. And/or information on what has been happening in your province, including special accomplishments, outreach programs, government negotiations affecting our profession, and/or prosthetic funding highlights that have come through. We look forward to hearing from you for our next edition of the *Frontline* Newsletter!

## Nous voulons avoir de vos nouvelles!

L'Association des Prosthodontistes du Canada est toujours heureuse de recevoir des nouvelles de ses membres. Faites-nous parvenir vos expériences personnelles ou toutes autres informations que vous jugez bon de partager avec vos collègues. Ces contributions devraient être de nature régionales et se rapporter à la prosthodontie. Elles pourraient se présenter sous forme d'articles décrivant des réalisations particulières, des programmes d'aide humanitaire ou des négociations / subventions gouvernementale. Nous sommes impatients de recevoir de vos nouvelles pour la prochaine édition de *Première Ligne* !



[www.prostho.org](http://www.prostho.org)

# EXTREME DIGITAL THE GLOBAL EXPERIENCE

February 20-21, 2020

Swissotel, Chicago, IL USA

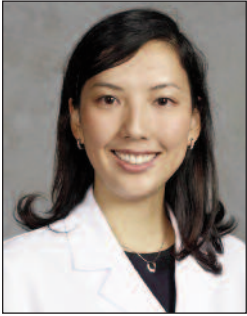
92<sup>nd</sup> Annual Meeting of the  
AMERICAN PROSTHODONTIC SOCIETY

## 2020 Invited Speakers

Dr. Alessandro Agnini  
Dr. Andrea Agnini  
Dr. Elahe Behrooz  
Dr. Marcelo Calamita  
Dr. Effrat Habsha  
Dr. Nazariy Mykhaylyuk  
Mr. Johnny Orfanidis

Dr. Rade D. Paravina  
Dr. Stavros Pelekanos  
Dr. Alessandro Pozzi  
Dr. Miguel Stanley  
Mr. Enrico Steger  
Mr. Nondas Vlachopoulos  
Mr. Aki Yoshida

## MESSAGE FROM THE PAST PRESIDENT



Dr. Caroline Nguyen  
Past President, APC

What a year it has been. So many major events impacting our dear profession...

As your immediate Past President of the APC, I am the representative for our Specialty at the Canadian Dental Specialties Association (CDSA). CDSA is the authoritative national voice of the collective of the Canadian National Dental Specialty Organizations and is dedicated to representing and advancing all Canadian Dental Specialties. CDSA communicates

and works directly with the major key holders in organized dentistry in our country, including the Canadian Dental Association (CDA), the Royal College of Dentists of Canada (RCDC) and the Canadian Dental Regulatory Association Federation (CDRAF). It is important to note that the voting power of each specialty national organization within CDSA depends on how many members they represent. Most prosthodontists in Canada are members of the APC. However, if you are reading this but are not a current member, I hope you will consider contributing the minimal annual fee and join our ranks to strengthen our representation of Prosthodontics in Canada, amongst other specialists, but also dentistry and government!

The biggest issue on the mind of most prosthodontists this past year has been the changes in the National Dental Specialty Examination (NDSE) exams being progressively transferred from the RCDC to the National Dental Examining Board (NDEB). Specialty exams have come under added scrutiny over the past few years, both in Canada and the USA. The Association of Prosthodontists of Canada and the Canadian Dental Specialist Association have remained vigilant and active participants in all discussions surrounding the NDSE and maintained ongoing contacts with all provincial prosthodontics associations to keep everyone aware of the progress that was made throughout the year. I would like to take this occasion to encourage all our members to support both the NDEB as they try their best to develop their first fair and reliable NDSE for 2020, but also to support the RCDC as they maintain their fellowship exams to reward excellency and collegiality. The next few years will be crucial in shaping the specialty landscape for decades to come, and prosthodontists need to make sure they remain part of that discussion.

On the side of denturists, they are provincially trying to expand their scope of practice by changing the wording of their bylaws with modifications that might seem insignificant to an untrained eye, but which amount to a great deal after multiple years of repeatedly changing a few words at a time. We thank you all for remaining vigilant and for notifying your councillors and the APC executive so we could take appropriate measures to voice our concerns over changes pushed by denturists and governments across the country.

Of interest to our student members, the CDSA has a yearly Student Travel Award for students enrolled in a Canadian dental specialty

program to help fund their costs related to presenting their research at an international meeting. I invite all of our Canadian students in Prosthodontics to visit <http://cdsa-acsd.ca/acsd-student-travel-awards/> for more information.

In closing, our next Annual General Meeting will be held during the American Prosthodontics Society (APS) Annual Meeting February 20-21 2020 in Chicago, IL. Please mark your calendars and make plans to attend as this promises to be an exceptional meeting with one of our esteemed members, Dr Izchak Barzilay, being the President of the APS this year.

Meanwhile, thank you for your support of the Association of Prosthodontists of Canada. I have been blessed talking, learning, and exchanging ideas with many of you always in hopes of making our profession the best it can be.

Warmest regards,  
Dr. Caroline Tram Nguyen  
Immediate Past President of the APC



The Association of Prosthodontists of Canada (APC) immediate past president – Dr. Caroline Nguyen – received President's Award from the current APC president – Dr. Brent Winnett – at the APC annual general meeting in Banff in May 2019.

## MESSAGE DE LA PRÉSIDENTE SORTANTE

D<sup>RE</sup> Caroline Nguyen

Quelle année! Tant d'événements majeurs impactant notre chère profession...

En tant que présidente sortante de l'APC, je suis devenue la représentante de notre spécialité au sein de l'Association Canadienne des Spécialités Dentaires (ACSD). L'ACSD est la voix collective et nationale de l'organisme national des spécialités dentaires, et se consacre à la représentation et à la promotion de toutes les spécialités dentaires canadiennes. L'ACSD communique et travaille directement avec les principaux intervenants en dentisterie organisée dans notre pays, y compris l'Association dentaire canadienne (ADC), le Collège royal des dentistes du Canada (CRDC) et la Fédération Canadienne des Organismes de Règlementation Dentaire (FCORD). Il est important de noter que le pouvoir de vote de chaque organisation nationale spécialisée au sein de l'ACSD dépend du nombre de membres qu'ils représentent. La plupart des prosthodontistes au Canada sont membres de l'APC. Cependant, si vous lisez ceci mais que vous n'êtes pas un membre actif, j'espère que vous envisagerez de verser la mince cotisation annuelle pour rejoindre nos rangs afin de renforcer notre pouvoir représentatif de la prosthodontie au Canada, non seulement parmi les autres spécialistes, mais également par rapport à la dentisterie générale et au gouvernement!

Le problème qui a préoccupé la plupart des prosthodontistes au cours de la dernière année est le transfert des examens nationaux de spécialités dentaires (ENSD) du CRDC au Bureau National d'Examen Dentaire du Canada (BNED). Les examens de spécialité ont fait l'objet d'une surveillance accrue au cours des dernières années, tant au Canada qu'aux États-Unis. L'Association des prosthodontistes du Canada et l'Association Canadienne des Spécialités Dentaires ont continué de participer activement à toutes les discussions autour des examens et ont maintenu le contact avec toutes les associations provinciales de prosthodontie afin que tout le monde soit informé des progrès réalisés au cours de l'année. Je voudrais saisir cette occasion pour encourager tous nos membres à soutenir le BNED alors qu'ils s'efforcent de développer leur premier ENSD pour 2020, mais également à soutenir le CRDC alors qu'ils maintiennent leurs examens pour récompenser l'excellence et la collégialité. Les prochaines années seront cruciales pour façonner le paysage

des spécialités pour des décennies à venir, et les prosthodontistes doivent s'assurer qu'ils demeurent des participants actifs dans ces discussions.

De leur côté, les denturologistes tentent toujours d'élargir leur champ de pratique. Cette fois, les denturologistes de la Colombie Britannique ont tenté de modifier la nomenclature utilisée dans leurs règlements administratifs. Ces modifications pourraient sembler simples et insignifiantes pour un œil inexpérimenté, mais elles représentent beaucoup plus si les denturologistes tentent de changer seulement quelques mots à la fois sur plusieurs années. Nous vous remercions tous d'être restés vigilants et d'avoir averti vos conseillers provinciaux et votre exécutif à l'APC afin que nous puissions prendre les mesures appropriées pour exprimer nos préoccupations face aux changements proposés par les denturologistes et les gouvernements à travers le Canada.

Pour nos étudiants membres, l'ACSD offre chaque année une bourse de voyage aux étudiants inscrits à un programme canadien de spécialité dentaire afin de les aider à financer les coûts liés à la présentation de leurs recherches lors d'une conférence internationale. J'invite tous nos étudiants canadiens en prosthodontie à visiter <http://cdsa-acsd.ca/acsd-student-travel-awards/> pour plus d'informations.

En conclusion, notre prochaine assemblée générale annuelle aura lieu lors de la conférence annuelle de l'American Prosthodontics Society (APS) les 20 et 21 février 2020 à Chicago, IL. Veuillez marquer votre calendrier car cette réunion promet d'être exceptionnelle avec l'un de nos membres estimés, le Dr Izchak Barzilay, qui présidera l'APS cette année. Nous espérons vous y voir en grand nombre!

En attendant, merci de votre soutien à l'Association des Prosthodontistes du Canada. J'ai eu la chance de pouvoir parler, apprendre et échanger des idées avec beaucoup d'entre vous dans l'espoir de faire de notre profession la meilleure possible.

Sincères amitiés,  
D<sup>RE</sup> Caroline Tram Nguyen  
Présidente sortante de l'APC



## CANADA NIGHT AT ACP

Our 6th annual Canada Night reception was held during the American College of Prosthodontists (ACP) Annual Session on Wednesday Oct 31st. Generously sponsored by Henry Schein Canada, it was again a lovely way to touch base with our Canadian colleagues and meet some of the up and coming graduate students.

# Digital Dentistry Your Way

Henry Schein Canada ConnectDental®, Henry Schein's platform for digital dentistry, integrates a wide choice of innovative, scalable digital technologies into every step of the clinical workflow. We are committed to helping you:

- Enhance the patient experience
- Deliver predictable, quality dentistry
- Improve efficiency and productivity

*Making the right solutions work for you.*

Practice Management Software  
Clinical Treatment Software  
Laboratory Software  
Patient Marketing  
Patient Education Software  
2D/3D Imaging  
Intraoral Cameras

Scanners  
Milling Units  
3D Printers  
CAD/CAM Materials  
Dental Implants  
Caries Detection Devices  
Computer Hardware



Trusted  
Advice



Open Architecture  
Solutions



Practice Management  
Interoperability



Laboratory  
Connectivity



Education, Integration  
and Support

**Rely on Us™**

**HENRY SCHEIN®**   
ConnectDental®

Trusted  
Digital  
Solutions

For more information about our Henry Schein Canada ConnectDental Trusted Digital Solutions, please visit [www.henryschein.ca](http://www.henryschein.ca), or contact your Henry Schein Dental Sales Consultant for full product information.

# WHAT IS AN ENTRY-LEVEL PROSTHODONTIST?

By Dr. Kieth E. Manning



**Dr. Kieth E. Manning**  
Secretary-Treasurer of  
the Association of  
Prosthodontists of  
Canada (APC)

I have been involved in the Royal College of Dentist of Canada (RCDC) examination process for over 15 years. Over that period of time, I have seen the RCDC examination process evolve from a fellowship examination, which recognized excellence in Prosthodontics, to a licensure examination in support of the Canadian Dental Regulatory Authorities Federation (CDRAF). Prosthodontists associated with the RCDC came together and developed an examination to fulfill both of the objectives of excellence and licensure, and I can honestly state that I was very proud of our examination. The examination tests an understanding of basic prosthodontic principles. However, some-

where along the line it was mentioned that our examination was too difficult and that we needed to modify our examination to test to the level of an Entry Level Prosthodontist. I can distinctly remember this directive, and I can distinctly remember being somewhat confused with this directive and felt very uncomfortable and wanted to express my concern and to ask the question: What is an Entry Level Prosthodontist? Does this mean that we test to the level of the weakest candidates from graduate schools and let everyone else pass? Or, does this mean we establish the baseline of a good general dentist and test one level above this? Or, does this mean that if the candidate can spell the word Prosthodon-

tics, then they pass? Or, does this mean that if they present with a suit and tie and are clean shaven, they pass? Or, does this mean the candidate has an understanding of basic dental principles and can spell and they pass?

Imagine what would happen if you asked this same question to other health care professionals. What is an Entry Level Cardiologist or an Entry Level Brain Surgeon? What if you were to ask the public whether they wished to be treated by an Entry Level Prosthodontist? Let's assume that we pass a candidate and they are licenced as a Prosthodontist. Would they want to be called an Entry Level Prosthodontist or Colleague? As you can tell, the phrase "Entry Level" sticks in my craw and has the potential to diminish or undermine the importance of a Specialist Category. We cannot and should not examine to the lowest common denominator. Rather, we should define and fine tune an understanding of the basic prosthodontic principles and test to this level of excellence and ignore the phrase "Entry Level". The Royal College of Prosthodontists of Canada offers a Fellowship examination that is based on excellence. The fulfillment of an RCDC designation recognizes dental specialists and provides recognition by granting a Fellowship and will always be indicative of a higher set of standards in Prosthodontics, not an entry level standard. The Canadian Dental Regulatory Authorities Federation and the National Dental Examination Board may feel it is appropriate for a licensure examination to recognize an entry level standard. But I submit that the public will eventually recognize the conferring of an RCDC Fellowship as the gold standard for Prosthodontics in Canada.

## APC AND APS JOURNAL COLLABORATION

The Association of Prosthodontists of Canada and the American Prosthodontic Society are pleased to announce an international collaboration for the advocacy of the importance of Prosthodontics in comprehensive oral healthcare. We are privileged to have a longstanding member and Past-President of the APC (2004), Dr. Izchak Barzilay was invested as President of the American Prosthodontic Society this year. For the betterment of both organizations, we will together be collaborating on a series of Spectrum Dental Teamwork publications to help draw attention to the importance of the Specialty of Prosthodontics and the critical role of all aspects of the rehabilitation team process. These publications will focus on articles discussing the critical importance – from dissecting convenience from excellence in patient care to the many ways in which the combination of traditional and the most modern CAD/CAM technology can optimize the quality and speed of the healthcare services we provide our patients. This collaboration is a new effort to help us publicize the importance of our Profession, and to reach out to our generalist and specialist peers

who are not currently members of the Association of Prosthodontists of Canada.

This joint effort only makes sense. The American Prosthodontic Society (the APS) has, for nearly a century, pursued the ideal of a multi-disciplinary collaborative approach (a cooperation between technicians, generalists, and specialists) to excellence in the provision of prosthodontic patient care. The Association of Prosthodontists of Canada (the APC) continues, as it has since its founding nearly 50 years ago, to champion the essential importance of recognized academic qualification as pre-requisite in the provision of safe patient oral and maxillofacial prosthodontic rehabilitation.

Together, these two organizations will work together to raise patient and peer-provider awareness of the essential role of modern Prosthodontics in providing our patients with the best possible quality of life through oral healthcare rehabilitation.



## CANADIANS AT THE INTERNATIONAL COLLEGE OF PROSTHODONTISTS BIENNIAL SESSION

By Dr. Caroline Tram Nguyen

The International College of Prosthodontists Biennial Session took place September 4-7, 2019 in Amsterdam. We should be proud that there were multiple oral presentations and posters by fellow Canadian members that instilled provocative debate amongst participants from all around the world. We would like to congratulate our APC vice-president and member of the ICP 2019 organizing committee, Dr David Chvartzaid, for a very well attended meeting. We would also like to offer special congratulations to Dr. Maha Al-Sahan, a PhD student from the University of British Columbia, who was a poster award winner for her project on “Developing a metatheory of how people manage tooth loss”.

## LES CANADIENS À LA CONFÉRENCE BIENNALE DU COLLÈGE INTERNATIONAL DES PROSTHODONTISTES

par D<sup>re</sup> Caroline Tram Nguyen

La session biennale du Collège international des prosthodontistes s'est déroulée du 4 au 7 septembre 2019 à Amsterdam. Nous devrions être fiers du grand nombre de présentations orales et de posters faites par des collègues canadiens qui ont alimenté un débat provocant entre des participants du monde entier. Nous voudrions féliciter notre vice-président et membre du comité organisateur 2019 de l'ICP, le Dr David Chvartzaid, pour une conférence biennale très réussie. Nous voudrions également féliciter chaleureusement la Dre Maha Al-Sahan, étudiante à l'Université de la Colombie-Britannique, qui s'est distinguée en remportant un prix pour son poster intitulé “Développer une métathéorie de la façon dont les gens gèrent la perte de dents”.



Photo (from left to right – de gauche à droite):  
 2nd row: Dr. Yoav Finer, Mrs. Carmit Finer Toren, Mrs. Mary MacEntee, Dr. Michael MacEntee, Dr. Maha Al-Sahan, Dr. Limor Avivi-Arber, Mr. Derek Schwab, Dr. Caroline Tram Nguyen, Dr. David Chvartzaid  
 1st row: Mrs. Christine Wyatt, Dr. Leslie Laing, Dr. James Tonogai, Dr. Christopher Wyatt.



Photo (from left to right – de gauche à droite):  
 U of T Grad Protho residents: Drs. Bo Huang, James Tonogai, Ousama Damlaj and Rosemary Chu.

# APC PROSTHODONTICS ENTRANCE SCHOLARSHIP

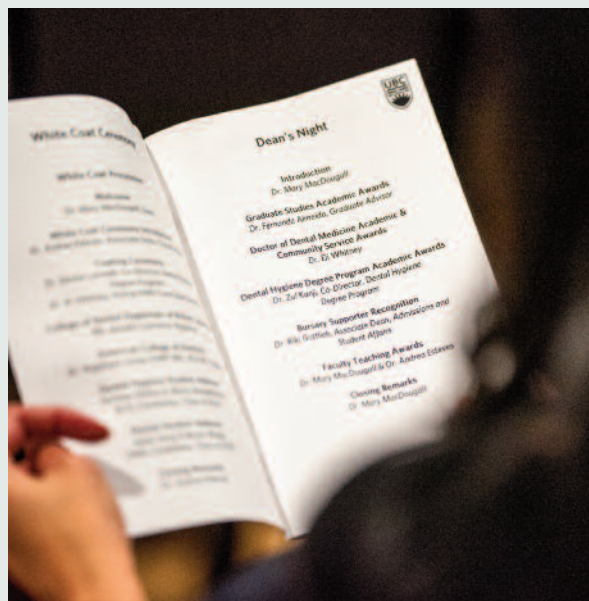
By Dr. Vince Lee



Photo (from left to right):  
Dr. Mary McDougall, UBC Dean of Dentistry,  
Dr. Visalakshi Shivaraman, and Dr. Vince Lee,  
UBC Lecturer in Prosthodontics and APC Regional Councillor.

The recipient of the 2019 Association of Prosthodontists of Canada Award for Academic Achievement at the UBC Faculty of Dentistry is the Graduate Prosthodontics resident Visalakshi Shivaraman.

Prior to joining the UBC Graduate Prosthodontics program, Visalakshi Shivaraman completed her BDS in 2017 from the Maharashtra University of Health Sciences, Mumbai with a full scholarship. She concurrently pursued a fellowship in Implant dentistry with Goethe Universität, Frankfurt. Interest in social issues plaguing her community prompted Visalakshi Shivaraman to pursue a fellowship in Community-Based Participatory Research from the Tata Institute of Social Sciences, Mumbai. As the National head for the Oral Health Programme of the Indian Dental Association she and her team carried out several outreach programmes focusing on oral hygiene, oral cancer awareness, free complete dentures for the elderly and smile makeovers for victims of child trafficking. She was also actively involved in rendering her services to the athletes of Special Olympics Bharat – a National Indian Sports Federation that conducts Special Olympics Programs in India. The Association of Prosthodontists of Canada is pleased to present its annual Award for Academic Achievement to Visalakshi Shivaraman.



*"The awards program at UBC Dentistry not only recognizes the clinical talent, leadership and dedication of our students but also has a significant impact to their student experience. I would like to take this opportunity to thank you on behalf of our students for the generosity and commitment made in supporting the Association of Prosthodontics of Canada Award for Academic Achievement.*

*We were so sorry you were not able to join us, however Vince [Lee] did a wonderful job in representing! I am delighted to attach the photo the 2019 recipient.*

*Thank you for your continued partnership & support of UBC Dentistry."*

*Warmest,  
Jane Merling,  
Assistant Dean Development & Alumni*

# UNIVERSITY OF BRITISH COLUMBIA & THE UNIVERSITY OF AACHEN HOST A DIGITAL DENTISTRY SYMPOSIUM

By Dr. Chris Wyatt



Professors Chris Wyatt (UBC) and Stefan Wolfart (UA) welcomed over 50 faculty and staff to a symposium on Digital Dentistry held at the University of British Columbia on Monday June 24th, 2019.

This day was the result of a mutual interest in the digital clinical dentistry

and wondering where each of the Canadian and German dental schools were at in relation to implementation in our clinics, education of our students, and the potential for research. It was gratifying to understand that both the University of British Columbia and the University of Aachen were using digital dentistry tools such as intraoral scanners in specialty areas of prosthodontics and orthodontics. Digital treatment planning using implant company software allowing for merged intraoral optical scans, dental casts, and CBCT radiographs were being used to plan implant surgical and prostheses designs. Orthodontic treatment planning, the printing of dental casts for the production of clear aligners was now a viable treatment option and potential cost saving. Both programs struggled to implement digital techniques within undergraduate programs but were utilizing in-clinic CAD/CAM direct restorations.

Speakers at the symposium discussed what has been successfully

introduced into their own clinical practices with respect to intraoral optical scanning, digital treatment planning, guided implant surgery, CAD/CAM restorations, and orthodontics from diagnostic records, treatment planning delivery of treatment, and documentation of outcomes. The speakers created an open environment to discuss with audience participation with respect to what technologies were clinically useful, what worked and what did not at this time, and where the future may lead us.

Introduction of digital technologies at both universities involved Prosthodontists, Restorative Dentists, and Orthodontists with a willingness to learn and develop clinical expertise in digital technology. Once the technology was proven to be clinically viable, then it was introduced in a phased fashion, first with experienced dental students or graduate dental specialty students, and then conceptually with undergraduate dental students, followed by selective use in the clinics.

Research at both universities included digital implant treatment planning, restoration fit, occlusion, the use of digital technology for clinical education, artificial intelligence, and the ethical implications of digital technologies.

It would seem that digital technology is an integral part of providing clinical care within many aspects of dentistry today, and our future will be increasingly digital for the benefit of our students and patients.



Funding: UBC Department of Oral Health Sciences, Straumann & Dentaureum GmbH



# NEWS FROM TORONTO

By Dr. David Chvartzaid



A large group of RCDC/NDSE examiners in Prosthodontics at the oral examination in June 2019 in Toronto.



Dr. Izchak Barzilay received Arbor Awards from the University of Toronto in recognition of exemplary volunteerism.



Three eras of the NDSE/RCDC chief examiners in Prosthodontics – Drs. Kieth Manning (2009-2014), Kevin Goheen (2004-2006) and Izchak Barzilay (2015-present).



A multi-disciplinary group of health care providers including prosthodontists from Holland Bloorview Kids Rehabilitation Hospital (Robert Carmichael) and University of Toronto (David Chvartzaid) participating in Northern Outreach Program in Thunder Bay for young patients with facial differences.

# THE 5TH U OF T PROSTHODONTICS ALUMNI SYMPOSIUM – TRADITION CONTINUES

By Dr. David Chvartzsайд







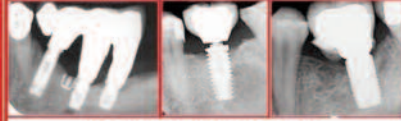





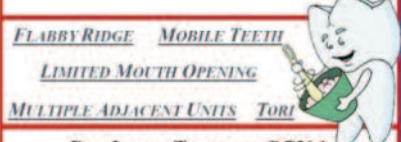




combined clinical work addressing today’s challenges with research findings that will have a strong impact on the patients of tomorrow.

This year’s podium presentations focused on biomaterials, implant-treatment complications, aesthetics, and prosthodontic management of growing patients. Poster presentations addressed both clinical and pre-clinical topics and highlighted the work undertaken at the University of Toronto, University of British Columbia, Holland-Bloorview Hospital, and George Brown College. Oral and poster presenters reflected a diversity of fields and approaches that make up our great specialty. The tradition of the Symposium continues to bring together clinicians and researchers with a passion for Prosthodontics and to inspire intellectual curiosity in the next generation of Canadian Prosthodontists.

On June 26th, 2019 the University of Toronto Graduate Prosthodontics Program held its 5th annual Prosthodontics Alumni Symposium. The Symposium showcased the accomplishments of the University of Toronto Prosthodontics staff, alumni and residents as well as spread the world of Prosthodontics to a wider dental audience. The Symposium featured a series of speakers and a resident poster session which

Every year, a dedicated group of residents and staff of the Graduate Prosthodontics Program at the University of Toronto (U of T) puts together a series of Faculty lectures covering the rich world of Prosthodontics. This important educational initiative is a source of great pride and attracts strong interest from U of T students and teaching staff.

<p><b>Graduate Prosthodontics Program</b> <i>presents the 1<sup>st</sup> lecture in our 2018/2019 lunch lecture series</i></p> <p><b>IMPLANT THERAPY IN THE ANTERIOR MAXILLA</b></p>  <p><b>DR. ELAHE BEHROOZ, PGY-3</b></p>	 <p>All are welcome to attend.</p> <p><b>Friday Oct. 12<sup>th</sup> 12:30-1:20</b></p> <p><b>Room 361</b> at the Faculty of Dentistry</p>	<p><b>Graduate Prosthodontics Program</b> <i>presents the 2<sup>nd</sup> lecture in our 2018/2019 lunch lecture series</i></p> <p><b>FULL-ARCH IMPLANT BRIDGES: OPTIONS &amp; CONSIDERATIONS</b></p>  <p><b>DR. DAVID CHVARTSZAID</b> <i>Director, Graduate Prosthodontics Program</i></p>	 <p>All are welcome to attend.</p> <p><b>Wednesday Nov. 21<sup>st</sup> 12:30-1:20</b></p> <p><b>Room 360</b> at the Faculty of Dentistry</p>
<p><b>Graduate Prosthodontics Program</b> <i>presents 3<sup>rd</sup> lecture in 2018/2019 lunch lecture series</i></p> <p><b>ZYGOMATIC IMPLANTS &amp; IMMEDIATE LOADING</b></p>  <p><b>DR. AZADEH RASTIKERDAR, PGY-3</b></p>	 <p>All are welcome to attend.</p> <p><b>Wednesday Dec. 5<sup>th</sup> 12:30-1:20</b></p> <p><b>Room 360</b> at the Faculty of Dentistry</p>	<p><b>Graduate Prosthodontics Program</b> <i>presents 4<sup>th</sup> lecture in 2018/2019 lunch lecture series</i></p> <p><b>IMPLANT-RELATED RADIOGRAPHIC INTERPRETATION</b></p>  <p><b>DR. DAVID CHVARTSZAID</b> <i>Director, Graduate Prosthodontics Program, U of T</i></p>	 <p>All are welcome to attend.</p> <p><b>Monday Feb. 4<sup>th</sup> 12:30-1:20</b></p> <p><b>Room 504</b> at the Faculty of Dentistry</p>
<p><b>Graduate Prosthodontics Program</b> <i>presents 5<sup>th</sup> lecture in 2018/2019 lunch lecture series</i></p> <p><b>ORTHO-PROSTHO TREATMENTS &amp; CONSIDERATIONS</b></p>  <p><b>DR. OUSAMA DAMLAJ, PGY-2</b></p>	 <p>All are welcome to attend.</p> <p><b>Monday Feb. 25<sup>th</sup> 12:30-1:20</b></p> <p><b>Room 504</b> at the Faculty of Dentistry</p>	<p><b>Graduate Prosthodontics Program</b> <i>presents 6<sup>th</sup> lecture in 2018/2019 lunch lecture series</i></p> <p><b>TREATMENT OF EXCESSIVE GINGIVAL DISPLAY</b></p>  <p><b>DR. BO HUANG, PGY-2</b></p>	 <p>All are welcome to attend.</p> <p><b>Monday Mar. 11<sup>th</sup> 12:30-1:20</b></p> <p><b>Room 504</b> at the Faculty of Dentistry</p>
<p><b>Graduate Prosthodontics Program</b> <i>presents 7<sup>th</sup> lecture in 2018/2019 lunch lecture series</i></p> <p><b>ACHIEVING A GOOD IMPRESSION IN DIFFICULT CASES</b></p> <p><i>FLABBY RIDGE    MOBILE TEETH</i> <i>LIMITED MOUTH OPENING</i> <i>MULTIPLE ADJACENT UNITS    TORI</i></p>  <p><b>DR. JAMES TONOGAI, PGY-1</b></p>	 <p>All are welcome to attend.</p> <p><b>Monday Apr. 22<sup>nd</sup> 12:30-1:20</b></p> <p><b>Room 504</b> at the Faculty of Dentistry</p>	<p><b>Graduate Prosthodontics Program</b> <i>presents a lunch lecture in a 2018/19 lecture series</i></p> <p><b>ESTHETIC CHALLENGES IN PROSTHODONTICS</b></p>  <p><b>DR. ROSEMARY CHU, PGY-1</b></p>	 <p>All are welcome to attend.</p> <p><b>Wednesday May 22<sup>nd</sup> 12:30-1:20</b></p> <p><b>Room 361</b> at the Faculty of Dentistry</p>

# PROSTHODONTICS IN ALBERTA

By Dr. Arif Sumar

The landscape of prosthodontics has been changing rapidly in Alberta. We still have an advertising problem with the Alberta Dental Association and College, particularly when compared with what the denturists are allowed to advertise. The denturists have their own association with different rules and regulations than the Alberta Dental Association and College. A denturist can advertise their workplace as a denture and implant clinic, which is common practice in Alberta. As prosthodontists, we are not allowed to have the word implant in our clinic name. This is obviously misleading to the public as they will search for dental implant clinics and find denturists before prosthodontists. Considering that prosthodontists are the removable and fixed specialists with regards to teeth and implants, we are severely handicapped when it comes to educating the public. This is unfortunately to the detriment of the public as they believe general dentists and denturists are capable of comprehensive care. This combined with the lack of public knowledge as to what a prosthodontist is creates an uncertainty with regards to the future of our profession. The public thinks of a denturist when it comes to prosthetics, not a prosthodontist. Educating the public with regards to this matter will be very costly and would likely have to be a national initiative.

Dental tourism continues to be a hot topic. Our members are seeing an increased number of cases that require removal of the foreign work completed followed by additional extensive treatment with a prosthodontist. I do not believe that this is being taken

seriously in Alberta and we will continue to have an increased prevalence of patients harmed by foreign dentistry. The public seem to believe that their teeth are more closely related with car mechanics rather than as appendages of the body. Patients will not have their hip replacements completed in another country yet are willing to have foreign bodies implanted into their jaws without concern.

There also appears to be an increase in cavalier dentistry where comprehensive cases are being attempted by general dentists, sometimes with disastrous results. We have also seen denturists complete fixed hybrids on dental implants with similar results. They do not have the training or knowledge to restore and maintain such complicated prostheses. There seems to be a lack of disciplinary action by the governing bodies which allows boldness from practitioners who should not be attempting comprehensive cases. A recession in Alberta may also be contributing to the fact that practitioners are attempting to keep more cases "in house" regardless of whether a specialist should be consulted or not.

These are difficult problems to address considering how limited our voice is in Alberta. There continues to be a need for prosthodontists in Alberta as the complexity of dental failures is increasing which requires our unique skillset. The dental industry is a growing bubble waiting to burst; the result of which will likely be further government intervention into our profession.



APC executive at the APC annual general meeting in Banff in June 2019.



Canadian prosthodontists at the APC annual general meeting in Banff in June 2019.

# NEW STUDENT MEMBER INTRODUCTIONS



## Dr. Ravdeep S. Mann (First Year Resident at University of British Columbia)

Dr Mann obtained his Bachelor of Dental Surgery (BDS) from Punjab, India in 2011. After working as an associate dentist for a year, he received scholarship to pursue his Master's in Dental Public Health from Queen Mary University of London, UK. Dr Mann received his Master with Distinction and published his research in British Dental Journal. In 2015, he moved to Canada with his family to pursue his passion in dentistry. Dr Mann further went on to complete two year (2017-2019) Advanced training in General Dentistry from UCLA School of Dentistry, USA.

Moving back home to Vancouver, he is currently a first-year Prosthodontic resident at UBC Faculty of Dentistry and expects to complete his Prosthodontic certificate by year 2022. While at UBC, he plans to continue his research in implant restorations in aesthetic zones. After graduation, Dr Mann wishes to pursue his career as a member of Canadian Armed Forces and in academia.

## PRESERVING OUR HISTORY

By Mrs. Christine Wyatt, APC Administrator, with Dr. Doug Chaytor

Our own Dr. Doug Chaytor, Life member, founding secretary-treasurer and past president (1982) has begun an endeavour to organize our APC historical material as well as that of the Dalhousie Faculty of Dentistry.

In May of 2018 he completed a workshop on photographing, scanning and digitally storing archival and museum material presented by the Canadian Conservation Institute (CCI). During March and June of this year, he completed a 6 part online course on re-organizing museum storage presented by CCI and the (American) Foundation for Advancement in Conservation. In October of this year he completed another CCI course entitled *Care and Handling of Photographic Materials*.

Putting these courses to work, the Faculty of Dentistry at Dalhousie are reorganizing the storage of photographs, photographing and cataloguing museum artifacts. Some material will be transferred to the Dalhousie Archives. Fortunately, there is help from some other retirees and volunteers are most welcome! The recruits have sorted the holdings of the Nova Scotia Dental Association (NSDA) and of the Provincial Dental Board of Nova Scotia. The Senior Provincial Archivist who has been very helpful has agreed that all significant materials of the Association and Board materials will be accepted by the Provincial Archives.

The stimulation for all this has been Dr. Chaytor's appointment to the Board of the Association of Health Sciences Archives and Museums of Nova Scotia (AHSAMNS) representing the NSDA. AHSAMNS has an ambition for an online digital museum containing the collections of four local health related museums.

Dr. Chaytor intentions presently are for APC to build upon the collection of APC Newsletters on our web site. The APC board would have to consider a proposal for what should be online for the public and what for members only.

Dr. Chaytor spent a couple of hours with the Collections Manager at The Museum of Health Care at Kingston (ON) in June. It has the Ralph Crawford Collection (previously housed with Dentistry Canada Fund. They have only a small archives collection, but they might be interested in some significant items.

The first Minutes for the Association of Prosthodontists of Canada were recorded for a meeting held on September 25, 1971, in the Sky-line Hotel, Ottawa. The first motion of that meeting started with the words, "That an organization be formed ..." That motion goes on to describe the membership criteria. The Canadian Academy of Prosthodontics (CAP) was also meeting in Ottawa at that time. The founding committee of APC approached CAP to relinquish their Section status in the CDA in favour of a purely specialist Society namely APC. CAP agreed. Many other negotiations ensued.

Dr. Chaytor was appointed the Founding Committee Secretary Treasurer. Upon his return to Halifax, Dr. Ken Kerr paid him the first \$10 for membership. With the first paid membership we became an association. In recognition of his prosthodontics missionary work in Canada, Dr. Don Kepron became our first president. George Zarb succeeded Don and Doug became the Association Secretary Treasurer at the first meeting in 1973. He served in that position until 1976.

Depending on whether you consider the founding of APC happened the year of receipt of the first membership dues in 1971, or when the Founding Committee was authorized to carry on the business of the Association at a meeting in 1972, or the year of the first Annual General Meeting in 1973, that still means we are fast approaching our 50 year anniversary! To celebrate that event, an Ad Hoc committee has been struck, chaired by Dr. John Zarb, to pursue plans for an anniversary meeting which is expected to come together in 2023.

# ASSOCIATION OF PROSTHODONTISTS OF ONTARIO

By Dr. Neena D'Souza



APO executive 2019-2021 (Drs. Beatrice Leung, Neena D'Souza, Ming Chou, Joe Fava, Goth Siu, and Mario Rotella).

The Association of Prosthodontists of Ontario (APO) represents all licensed prosthodontists in Ontario and aims to promote friendship, mentorship and CE for members. On June 6, 2019 APO dedicated its Spring meeting to celebrating the career of Emmanuel Rajczak – a long-time member and supporter of the APO. The APO is pleased

to announce that Lyndon Cooper will give an all-day presentation at the next Spring meeting in 2020. Provincial organizations such as APO promote and advance our specialty by presenting a strong and united voice of their members.



APO Spring meeting attendees.

# LEARNING LEADERSHIP FROM THE BEST

By Dr. Walaa Ahmed and Dr. Noorein Hajira



*Note from the editor: In October of this year, two recent Canadian graduates – Noorein Hajira (U of T) and Walaa Ahmed (UBC) – participated in an annual leadership workshop Future Leaders in Prosthodontics (FLIP) organized by Sree Koka and a team of dedicated faculty (including Canada’s own Limor Avivi-Arber).*

We were honored to participate in the Future Leaders in Prosthodontics (FLIP) workshop in Mahwah, NJ on October 10-12, 2019. This conference truly embodied the goals of leadership and fellowship in our specialty. Gaining an insight into the various leadership tools that one could benefit from while embarking on a journey of professional development was invaluable. The opportunity to learn from the experiences of distinguished Prosthodontist leaders who presented at this conference and to realize that they share the same values and passion for the field as we was inspiring.

The FLIP workshop demonstrated that any of us have the potential to become leaders in the future. A good leader’s qualities include honesty, accountability, positivity and the ability to think strategically, to innovate and to collaborate. The conference covered various topics, including career planning, effective communication, implicit biases in leadership, intelligent and collaborative negotiation, conflict resolution, and implementing technology and innovative teaching styles in Prosthodontic education. These will all undoubtedly impact

the development of our career paths and how we build and manage teams for future success.

We were joined by a group of fellow young Prosthodontists from diverse cultural and professional backgrounds, who shared our leadership goals and professional viewpoints. The opportunity to interact with this amazing group of individuals was priceless. What resonated with us the most was the realization that there are more individuals like us who are still in the process of figuring out their professional strengths and weaknesses while striving to give their best to the profession. We were happy to know that despite our differences, we are more alike than we think, and together as part of the larger Prosthodontic community we strive to contribute positively to our specialty and to make a difference. The workshop’s small venue helped to create something of a shared “FLIP mood,” and we could sense a positive and fast connection between us which gave us a starting point for future collaborations.

The FLIP workshop gave us the opportunity to learn from experts in management sciences, accomplished leaders in Prosthodontics, and like-minded young Prosthodontists from across the globe. It was a truly rewarding experience and one that will shape our future career. Most importantly, the workshop provided us with the confidence to keep treading forward, to carve our path and to leave a trail. Today, we are excited more than ever to have embarked on this wonderful Prosthodontic journey.

# CDA OASIS COLLABORATION WITH APC

By Dr. Vince Lee



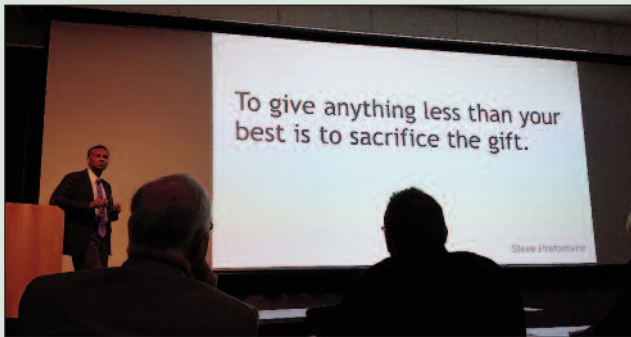
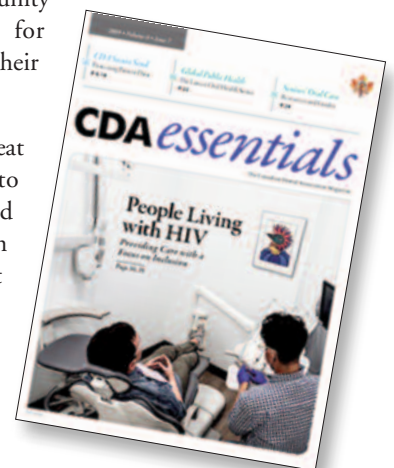
The Association of Prosthodontists of Canada is setting up a collaboration with John O’Keefe from the Canadian Dental Association (CDA) Oasis/Essentials to help raise the profile of our specialty and association.

This collaborative project will allow the APC leadership and members to communicate to the general dental community the main issues related to the practice of prosthodontics in Canada by disseminating position statements from the APC or American College of Prosthodontists, promoting critical research publications, providing evidence-based summaries of contemporary clinical practices, and presenting clinical cases.

CDA Oasis broadcasts will emphasize the significant role of Prosthodontists in the comprehensive assessment, treatment planning and rehabilitation of complex dental patients. CDA Oasis, APC and other dental specialties are exploring the possibility of virtual interdisciplinary treatment planning for patients with complex orofacial needs.

APC will further support CDA by developing material for the CDA Career Options resource website for dental students and early career dentists that is currently under development. Interviews with APC members will create short audiovisual vignettes that help to explain the variety of prosthodontist career path options including private practice, military, academia and maxillofacial prosthodontics. Members will have the opportunity to share their motivations for selecting their career path and their experiences in the current role.

This collaborative project is a great opportunity for the APC to demonstrate the value, need and importance of a Prosthodontist in the comprehensive management of patients with complex care needs.



*“Do not follow where the path may lead. Go instead where there is no path and leave a trail.”* This famous quote by Ralph Waldo Emerson has always intrigued me. As a young Prosthodontist, I am still in the midst of carving my path without knowing for sure where it will lead. My passion and pursuit to contribute positively to the field of Prosthodontics and toward betterment of the community is what motivated me to participate in the Future Leaders in Prosthodontics workshop.

– Noorein Hajira



Being a part of the Future Leaders in Prosthodontics workshop provided me with an exceptional opportunity to learn about different perspectives on leadership from the global frontrunners in Prosthodontics and ultimately inspired me to start planning towards becoming a leader in the future. Having recently received my PhD degree, I can appreciate how it translates into leadership in the real world. Leaders are those who make decisions and take action; obtaining a PhD degree was my first step towards practicing leadership.

– Walaa Ahmed

# GRADUATE PROSTHODONTICS RESIDENTS SCORE MAJOR INTERNATIONAL AWARDS

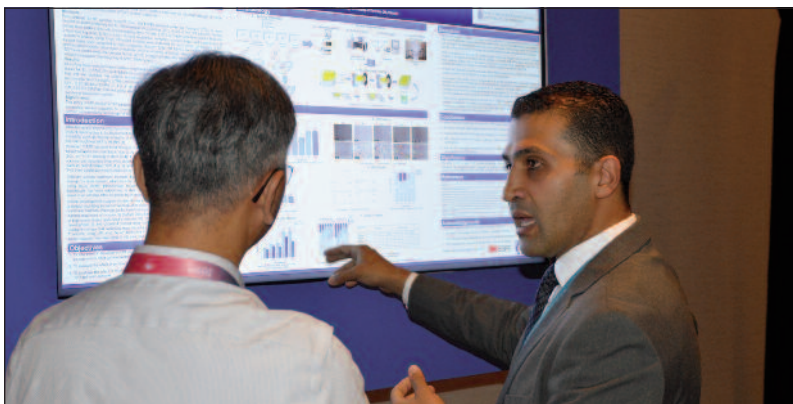
By Dr. David Chvartzaid

Several Graduate Prosthodontics residents at Canadian Universities have earned major international awards.

Dr. Mahmood Abu Ruja from the University of Toronto has won 1st place in the research poster competition at the annual American College of Prosthodontists meeting in Miami for his work on improving bonding to zirconia (*Abu Ruja M, De Souza GM, Finer Y. Ultrashort-pulse laser as a surface treatment for bonding between zirconia and resin cement. Dent Mater 2019;35:1545*). Dr. Walaa Magdy Ahmed from the University of British Columbia has won 3rd place in the clinical poster competition at the same meeting for her work on perfecting digital workflow (*Ahmed WM, Verhaeghe TV, McCullagh AP. Maxillary full-arch implant supported restoration digital impression and maxillomandibular relationship workflow. J Prosthet Dent (submitted for publication)*). American College of Prosthodontists (ACP) meeting is the largest meeting of North American prosthodontists and holds the largest resident poster competition focused on prosthodontics in North America. This year, 128 digital posters representing every prosthodontics residency program were competing for the top prize. Dr. Walaa Magdy Ahmed also won 2nd place for her poster on the fit of zirconia crowns at the Pacific Coast Society for Prosthodontics meeting in Napa, California (*Ahmed WM, Abdallah MN, McCullagh AP, Wyatt CC, Troczynski T, Carvalho RM. Fit of zirconia crowns using different preparation designs and sintering techniques*).

Dr. Bo Huang from the University of Toronto was the Acta student award winner for her two publications in the Acta Biomaterialia journal addressing the interaction between cariogenic bacteria and resin composites: "*Huang B, Sadeghinejad L, Adebayo OI, Ma D, Xiao Y, Siqueira WL, Cvitkovitch DG, Finer Y. Gene expression and protein synthesis of esterase from Streptococcus mutans are affected by biodegradation by-product from methacrylate resin composites and adhesives. Acta Biomaterialia 2018;81:158*" and "*Huang B, Siqueira WL, Cvitkovitch DG, Finer Y. Esterase from a cariogenic bacterium hydrolyzes dental resins. Acta Biomaterialia 2018;71:330*". Acta Biomaterialia is a premier international journal that publishes peer-reviewed original research in the field of biomaterials science with the emphasis on the relationship between biomaterial structure and function.

Congratulations to Mahmood, Walaa and Bo as well to their co-authors and research supervisors!



Dr. Mahmood Abu Ruja presenting his poster at the American College of Prosthodontists meeting in Miami, Florida.



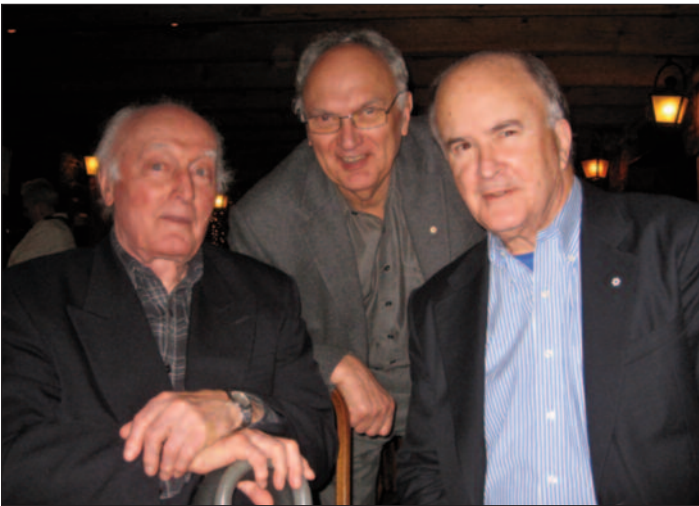
Dr. Mahmood Abu Ruja (1st place winner in research poster competition) and Dr. Walaa Magdy Ahmed (2nd place winner in clinical poster competition) at the American College of Prosthodontists meeting.



Dr. Walaa Magdy Ahmed (2nd place winner in research poster competition) in the company of other award recipients at the Pacific Coast Society for Prosthodontics meeting in Napa, California.

# SOME REFLECTIONS ON THE FOUNDING OF THE ASSOCIATION OF PROSTHODONTISTS OF CANADA AND ITS SYMBOLISM

By Dr. Doug Chaytor



Founding Officers Drs. Don Kepron, Doug Chaytor and George Zarb.

A decision to found The Association of Prosthodontists of Canada (APC) was made by a small group of prosthodontists at a meeting in Ottawa in September 1971. A founding committee was stuck and worked under the leadership of Dr. George Zarb until the first Executive Council was elected in 1973. That Executive Council consisted of Drs. Don Kepron (President), George Zarb (President-Elect), Jacques Fiset (Vice-President), Doug Chaytor (Secretary-Treasurer), John Hibberd (Senior Delegate-at-Large) and Bill Harley (Junior Delegate-at Large). A history of the early evolution of APC appears on our website.

The Canadian Dental Association (CDA) had been wrestling with the subject of specialties in dentistry for some time and had charged its Council on Education in July 1970 to develop a policy. The results of the Council's efforts appear as Appendix A to the Council's Report considered by the CDA Board of Governors in September 1971. While *"Requirements for the Approval of a Special Area of Dental Practice"* were adopted, a recommendation for the grouping of specialties was "postponed until the Council on Education has had an opportunity to communicate more fully with the specialty groups, the licensing boards and the dental schools." (Source: Transactions of the Canadian Dental Association, September 27-29, 1971)

Given the premise that we do well what we do often, it is probable that we have had dentists with special areas of practice interest as long as we have had dentists. Formally recognized specialization was a post-World War II development. It is fair to say that this movement was seen by some general practitioners as a threat to their freedom to practice as comprehensively as they wished. In fact, section 16 of Appendix A (Council on Education Report) contains a sentence that begins with "Furthermore, proliferation (of specialists) will degrade the status of general practitioners..." (Source: Transactions of the Canadian Dental Association, September 27-29, 1971)

However, specialties were a fact of life and their interests were represented by various organizations. Prosthodontics was represented by the Canadian Academy of Prosthodontics (CAP) and given Specialty Section status by the CDA in 1965. However, CDA had only recognized Prosthodontics to include removable prostheses. The Canadian Academy of Restorative Dentistry (CARD) was campaigning, and had applied, for recognition of fixed prosthodontics as a separate specialty. Graduate programs at the time were separated in this manner. Many prosthodontists, especially more recent graduates, recognizing the evolution of rehabilitative dental care, wanted a comprehensive specialty including operative dentistry, fixed prosthodontics, removable prosthodontics and maxillofacial prosthodontics. The chair of the Council on Education, Dr. Jack Paynter, had remarked that communication was somewhat impaired by the fact that membership in the Canadian Academy of Prosthodontics included both specialists and interested general practitioners (personal communication).

The formation of a new association with membership limited to qualified prosthodontists and embracing a comprehensive definition of prosthodontics would address the CDA desires for purity of membership and grouping of areas of practice. Essential to obtaining Section Status in CDA would be the relinquishing of Section Status by CAP and acquiescence by the competing CARD. CAP was meeting in Ottawa at the time the decision to found APC was made. A request from the APC founders received almost immediate approval from CAP to relinquish its Section Status. Not so for other competing interests. Much politicking ensued.

APC principally advocated for its comprehensive definition of prosthodontics. APC also explained vigorously that it did not have

ambitions to become a credentialing body. Rather its membership would be open, without discrimination or internal voting, to dentists licenced as prosthodontists in any province of Canada, to Fellows of the Royal College of Dentists of Canada (in Prosthodontics) and to those determined to be qualified by education to sit examinations (in Prosthodontics) offered by the Royal College. CDA put its formal focus on developing an agreed upon definition of Prosthodontics. This was achieved by the CDA Board of Governors at its meeting in October 1973. That definition was essentially the same as had been adopted by APC in its Constitution. APC however revised its definition to be exactly that approved by CDA to accompany its application for Section Status and thus comply with the CDA Board of Governors Motion containing this as a proviso.

Although formalized by later action, the motion that enabled APC to become The Prosthodontic Section of CDA was: “that the Board of Governors defer consideration of the application of the Association of Prosthodontists of Canada for section status until a suitable definition for prosthodontics has been approved by the Board but that the Board recognizes the fact that the Canadian Academy of Prosthodontics and the Canadian Academy of Restorative Dentistry acknowledge that the Association of Prosthodontists of Canada will in due course be recognized as the Section in Prosthodontics of the Canadian Dental Association following the implementation of the mechanism outlined by the Royal College of Dentists of Canada to provide for an interim examination in Restorative Dentistry as per the definition of prosthodontics (1973).” (Source: Transactions of the Canadian Dental Association, October 11-13, 1973)

While the negotiation and politicking were in progress, APC was developing as an organization. It had approved its Constitution and By-laws, approved a logo, held meetings, and was planning for participation in the 1974 Joint Specialties meeting. None of this activity produced unchangeable results. Meeting planning is an annual activity. The Constitution and Bylaws have been revised to By-laws to conform with incorporation. The logo has been changed with the approval of the members and will probably be changed again to reflect current opinions. When change is anticipated an understanding of history can provide perspective.

The term logogram dates back to the early 1800s but is rooted in Greek and is now generally abbreviated to logo. APC uses it according to one definition, ‘an organization’s emblem or badge’. In that sense it is a symbol. The use of symbols stretch well into antiquity. From this, one might expect a logo to represent something significant about an organisation’s past or present.

The original APC logo (Fig. 1) reflected APC’s position as a part of dentistry and its focus on rehabilitation. The concept of the logo was suggested by the Secretary Treasurer and supported by

Figure 1. Original Logo 1973

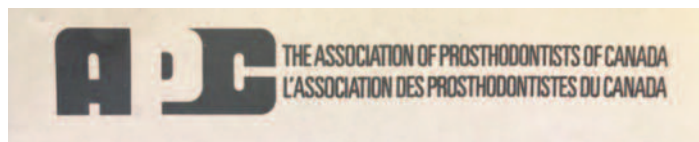


the Chair. The artist was Derek Sarty, a Halifax commercial artist, who provided services to the Faculty of Dentistry at Dalhousie University.

The logo consisted of a phoenix rising from flames inside intertwined omikron and delta letters of the Greek alphabet. The letters combined in this manner is a logotype referred to as the odontos. Odontos is the Greek word for tooth. So why these symbols? The odontos was commonly used to represent dentistry. In fact, the logo on the cover of the Transactions of the Canadian Dental Association of 1971 prominently featured an odontos with the staff of Asclepius (the Greek God of healing) in the centre. APC was clear in its intention to function within the context of organized dentistry.

The phoenix was also drawn from mythology. Usually the phoenix is said to arise from its ashes after being consumed by a purifying fire symbolising immortality and resurrection. All prosthodontists have been expected at times to provide what might be called “resurrection dentistry.” At least we are expected to provide life-long immortality for the dentition. If not resurrection or immortality, the phoenix can be seen as a good symbol for rehabilitation. The colour green was used because it had been associated with dentistry; a notable example being The Royal Canadian Dental Corps.

Figure 2. Logotype 1973



Dr. Jacques Fiset (APC President in 1976) recommended a logotype (adjoined letters) of the initials of APC (Fig. 2) as an alternative. This was in fact used for many years, with the full name of the Association in both official languages, as a letterhead.

The current APC logo (Fig. 3) reflects a desire for a logo contemporary with the time it was designed. It contains a different logotype of the APC letters. As a nod to our national status it contains a discrete maple leaf instead of an open center of the letter P. It also contains two stylised wings as a reminiscence of the phoenix and its rehabilitation symbolism. This composition is underlined by the full name of the association in both official languages.

Figure 3. New Logo 2014



Now to ignore ethnicity, and confuse the phoenix, we might ask, Quo Vadis? Whither goest thou?

Douglas V. Chaytor  
Founding Secretary-Treasurer

# BENEFITS OF APC MEMBERSHIP

APC is the recognized national voice for our chosen profession, if you don't join, you don't get a say. We are well represented in ongoing issues and communications with the CDA, CDSA and the federal government.

As you know, the specialty of prosthodontics is experiencing the clinical encroachment of other professionals and para-professionals in dentistry. Our association is responding vigorously by developing programs to better enhance our visibility and promote our unique abilities to government, the public and the profession.

There are only about 260 Prosthodontists across Canada. Considering the size of our association we have had a tremendous effect on the dental landscape. Please join to complete our voice; by being part of this organization you can have a say in its direction and thus in the direction of our specialty. The world around us is changing, and this fact cannot be ignored.

Included in your membership is a subscription to the *Journal of Prosthetic Dentistry*, one of the founding journals of our profession. APC is a sponsoring organization and has a designated liaison from our membership to the Journal. Our preferred subscription rate is a significant savings over the individual subscription.

**Discounts with Dental Supply Manufacturers** have been negotiated with most of the major manufacturers.

- **ASTRA TECH CANADA** - A discount of 10% is offered on all restorative components, excluding equipment, software and Atlantis™ custom abutments. This offer cannot be combined with any other promotions. APC members should contact their local Astra Tech representative when placing the order in order to receive this discount.
- **BIOMET 3i** - all APC members receive a 10% discount off all products excluding BellaTek products (this offer may not be combined with any other promotional offer or discount).
- **IVOCLAR VIVADENT CANADA** - We have also negotiated a 10% discount on all Lab products (except alloy and denture tooth forms) as well as 10% off all CE courses from IVOCLAR VIVADENT CANADA.
- **NOBEL BIOCARE CANADA** - Members of the APC receive a straight 10 % discount.
- **STRAUMANN CANADA** - Members of the APC receive a 10% discount on all restorative components, excluding equipment, software, CAD CAM coping and custom abutments. (This offer cannot be combined with any other promotional offer or discount. To take effect January 1st, 2011). For inquiries on implant programs and regenerative products, please contact your STRAUMANN representative directly.

The *APC Membership Directory* online is an invaluable resource in member-to-member communications and the public search function of our website is a great referral source for patients looking for prosthodontic services near them.

Be it in private practice, academia or institutional prosthodontics, at the regional, national or international level, membership in the Association of Prosthodontists of Canada unites all members of our specialty across this diverse land and gives us the synergy needed to continue to move forward.



**THE ASSOCIATION OF PROSTHODONTISTS OF CANADA  
L'ASSOCIATION DES PROSTHODONTISTES DU CANADA**

Membership Renewal (January 1 - December 31, 2019)

Formulaire de renouvellement de cotisation (1er janvier – 31 décembre 2020)

**Name / Nom:** \_\_\_\_\_

Permission to send your name and address to companies providing benefits?  
Accordez-vous l'autorisation d'envoyer votre nom aux compagnies fournissant des avantages?  
 Yes / Oui  No / Non

Would you like your clinical practice address and phone number to appear in public search results on the APC website?  
Voulez-vous afficher votre adresse de pratique et numéro de téléphone afin qu'elle soit disponible au public sur le site web de l'APC?  
 Yes / Oui  No / Non

<b>Mailing Address / Adresse de expédition?</b> <input type="checkbox"/> <b>Office Address / Adresse de bureau:</b>  <b>Tel / Tél:</b> <b>Fax:</b> <b>E-mail / Courriel:</b> <b>Website:</b>	<b>Mailing Address / Adresse de expédition?</b> <input type="checkbox"/> <b>Home Address / Adresse de la résidence:</b>  <b>Tel / Tél:</b> <b>Fax:</b> <b>E-mail / Courriel:</b> <b>Mobile:</b>
--	---

Category/ Catégories	Fee Frais	Renewal Status Cochez	Please return form with payment to: Veillez retourner votre formulaire avec votre paiement au:
Active Member – JPD included free with membership Membre actif ce qui inclut l'abonnement gratuit au JPD	\$460	<input type="checkbox"/>	<b>APC Administrative Office</b> <b>c/o Christine Wyatt</b> <b>3363 West 40 Ave.</b> <b>Vancouver, BC</b> <b>V6N 3B5</b>  administrator@prosthodontics.ca www.prosthodontics.ca  <b>Tel: (604) 418-0278</b> <b>Fax: (604) 263-1773</b>
Non-Resident Member / Membre - non-résident	\$225	<input type="checkbox"/>	
Life Member / Membre à vie	N/C	<input type="checkbox"/>	
Student Member / Membre étudiant	N/C	<input type="checkbox"/>	
Honorary Member / Membre honorifique	N/C	<input type="checkbox"/>	
<b>Late fee: After January 31, 2018, please add \$25 (renewals only) / Après 31 janvier 2018 (renouvellements seulement)</b>	\$25	<input type="checkbox"/>	
GST #890 710 148  <b>Total Remittance / Total dû \$ _____</b>			<b>Thank you for your support!</b> <b>Merci pour votre soutien!</b>

**Method of Payment/ Mode de paiement**  Cheque / Chèque (payable to / payable à l'ordre de APC)  Visa  MasterCard

Card Number/ Numéro carte: \_\_\_\_\_  
 Expiry date/ Date d'expiration (DD/MM/YYYY) : \_\_\_\_\_  
 Name of Cardholder Nom de détenteur: \_\_\_\_\_ Signature: \_\_\_\_\_

**I consent to the APC collecting the information contained in this form and using it for APC purposes**  
**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_