



## ICP Co-Presidents Message

by Drs. David Felton and Dale Howes

Colleagues: We are moving rapidly toward our 2025 biennial conference in the vibrant city of Toronto, Ontario Canada. The meeting is scheduled for September 3-5, 2025, at the Sheraton Toronto hotel. Drs. Danielle Layton, Alon Prieskel, and Dean Morton, our Scientific Committee for the meeting, have put together a world-class program with the theme of “Disruptive Paradigms in Prosthodontics”.

We have recently had our interim board meeting in Chapel Hill and worked hard with the board members on many aspects of our organization. We continue to work and will bring important results of this to you at our business meeting in Toronto for your sanction.

Some of these actions will include the election of new Board of Councilors officers, voting on some significant changes to the ICP by laws, and discuss the next strategic plan for the College. All pertinent information related to by-laws changes and elections will be provided well in advance of the meeting for your review.

### [We Invite You to Join the ICP!](#)

Become an ICP Member and Enjoy All the Benefits: Subscription to the IJP, Grant Funding, Networking with Global Prosthodontic Leaders and Advocates of Prosthodontics, Free Webinars and more...

## December 2024 ICP Newsletter

### In this issue...

- ICP Co-Presidents Message (1)
- 2025 Biennial Meeting Toronto, Canada ( 3)
- 2024 ICP Research Grant Recipients (8)
- Featured Organizational Member (11)
- New Members (14)



# 2024 - 2025 ICP Board of Councilors

## **Co-Presidents:**

Dave Felton, USA Dale

Howes, Australia

## **Co-Vice Presidents:**

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Kazuyoshi Baba, Japan

## **Secretary:**

Carlos Parra, Chile

## **Treasurer:**

Stephen Rosenstiel, USA

## **Councilors**

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oke Duyck, Belgium

Kung Rock-Kwon, Korea

Dean Morton ,USA

Frauke Muller, Switzerland

Arzu Tezvergil-Mutluay, Finland

Meriting Thokoane, South Africa

Yong-Sheng Zhou, China

## **Recent Past Presidents:**

David Bartlett, United Kingdom

Xinquan Jiang, China

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## **ICP Mission**

**The International College of Prosthodontists  
internationally promotes the specialty and discipline  
of prosthodontics.**

While we fully understand that not everyone can attend the meeting in person, we're working on an on-line voting platform that will allow all ICP members to vote on important issues related to the College, not just those in attendance at the meeting. The ICP Toronto conference will offer an excellent opportunity for networking with colleagues, great social outings, and the opportunity to meet with our corporate exhibitors.

Corporate sponsors/exhibitors for the biennial meeting represent an integral value-added aspect to our meeting and support our College. Without these sponsors our dues and conference fees would be significantly greater. Come see the latest materials and equipment innovations that can enhance your practice. If you know of potential corporate exhibitors for the 2025 biennial meeting, please contact Dr. Dean Morton at [deamorto@iu.edu](mailto:deamorto@iu.edu) for a prospectus for the meeting to share with the potential sponsor/exhibitor.

As Co-presidents of the ICP, we encourage you to not only attend the meeting, but to also invite your graduate prosthodontic residents to attend and showcase their hard work and research. Also spread the word to our prosthodontic colleagues, and interested general dentists to visit Toronto, and to enjoy the camaraderie and exceptional scientific program firsthand! See you in Toronto!

Sincerely,

Dave Felton and Dale Howes



## 2025 ICP Biennial Meeting – Toronto, Canada

The International College of Prosthodontics (ICP) is pleased to announce its 21st Biennial Meeting, to be held in Toronto, Canada, from September 1–5, 2025, at the Sheraton Centre Toronto Hotel.

ICP 2025 – Toronto! will bring together global experts, practitioners, and researchers to explore *Disruptive Paradigms in Prosthodontics*. This theme will inspire discussions on innovations, challenges, and the latest advancements in patient care, while examining both the past and future of the field.

The meeting will commence on Tuesday, September 2, 2025, with registration and an opening reception. The scientific program will follow Wednesday, September 3, and conclude

on Friday, September 5. Participants will engage with cutting-edge developments, learn from past lessons, and address complex issues shaping the future of the profession.

Under the leadership of the scientific committee—Chair Danielle Layton, Co-Chairs Alon Preiskel and Dean Morton, and members Maria Menini, Michael Michael, Caroline Nguyen, Saorise O'Toole, Carolina Perez Rodriguez, Kumar Shah, and Arzu Tezvergil-Mutluay—the event promises a diverse, comprehensive program of keynote and concurrent sessions.

The theme ***Disruptive Paradigms in Prosthodontics*** will focus on how emerging technologies and evolving practices are transforming patient care. The conference will feature invited speakers and oral presenters who will address timely topics, promote in-depth discussions, and foster collaboration between researchers and practitioners.

## **Scientific sessions will explore:**

### **Disruptors from the Past:**

A look back at key developments that have revolutionized prosthodontics, from the inception of dental implants to breakthroughs in evidence-based care.

**Disruptors into the Future:** A forward-looking exploration of the technologies and ideas that will shape the next generation of prosthodontics caregivers, including advances in digitally supported healthcare.

**Beyond Implant Fables:** Debunking myths and examining the future potential of dental implants in modern prosthodontic care.

**Towards Centenarian Care:** Addressing the unique challenges facing patients and prosthodontists when caring for the aged and frail, as numbers of centenarians and supercentenarians climb.

**From Materials to Interfaces:** Exploring cutting-edge materials used in prosthodontics, related interfaces between manufactured and biological materials, related interfaces between practitioners and patients and the related impacts on clinical and patient outcomes. From

**Multidisciplinary to Interdisciplinary:** Shifting the focus from multidisciplinary collaboration to true interdisciplinary practice in prosthodontics.

**Maxillofacial: Back to the Future:** Revisiting the role of unique and intriguing maxillofacial prosthetic techniques from the past and exploring new advances in surgical and prosthodontic concepts that are shaping the future.

**Digitally Disrupted Dentistry:** Investigating the impact of digital tools and technologies on the practice of prosthodontics, from the computer, to the future of computer centered care.

**Risking Failure:** Examining the factors that contribute to prosthodontic treatment failure, and how to manage and mitigate risks in clinical practice.

**Democratising Prosthodontics:** Looking at the juxtaposition of advanced care and advanced outcomes, by carefully considering minimal interventions that have the greatest impact and benefit for the most, whilst conserving the gifts of our biological system and prioritising the highest quality care for the widest population.

Registration for the ICP 2025 meeting will open soon. Additional details regarding registration, the full program schedule, oral and poster submission guidelines, and hotel accommodations will be available on the [ICP meeting website](#) in the coming months.

Join Us! ICP 2025 – Toronto! promises to be an unforgettable experience, offering fellowship, scholarship and professional development during both the scientific sessions and accompanying social opportunities. Don't miss the chance to be part of this landmark event as we explore the Disruptive Paradigms in Prosthodontics.

We look forward to welcoming you to ICP 2025 – Toronto!

By Danielle Layton, ICP Scientific Committee Chair

# 2024 ICP Research Grant Recipient – Eda Dzinovic United Kingdom



Dr Eda Dzinovic  
PhD Student

**Research name:**  
**Biomimetic Adhesive  
Surfaces for Enhanced  
Denture Retention.**

Our research focuses on developing bioinspired artificial adhesive surfaces to improve the retention of traditional dental materials. In Prosthodontics, removable complete dentures represent a cost-effective solution for replacing missing teeth. However, they are often associated with poor retention, restricting more than 350 million individuals from performing their basic life tasks, such as eating and speaking. Due to the rapid global population growth, complete dentures will remain the primary treatment for edentulism in the foreseeable future, especially among the least advantaged and vulnerable ones, who will continue to seek dentures as treatment options for missing teeth. Unlike in materials science, achieving retention in nature is a straightforward effort as animals utilize various morphological and chemical retentive strategies to grip different substrates. Octopus vulgaris tentacles inspired us to replicate their design in traditional

materials using advanced techniques such as two-photon polymerization, direct write laser lithography, and digital light processing 3D printing. Our preliminary data showed that the multiple micro-and macroscale surface topographies in the form of octopus suckers increase the retention of poly (methyl methacrylate) blocks and 3D-printed dentures, respectively.

Motivated by the promising results achieved in vitro, in the next step we will test the effectiveness of octopus-inspired small-scale topographies in the dynamic oral environment, including the interaction with mucosa. The ICP Research Grant will enable us to explore the practical applications and translational potential of our research concept. Furthermore, ICP's support will increase the quality of the research by providing additional means and showcasing our research idea to a wider community. Sharing information will make our research responsive and adaptable to evolving perspectives, shifting circumstances, or new insights from both clinicians and researchers in Prosthodontics.

## **Supervisors:**

Dr Sherif Elsharkawy, Prof Owen Addison,  
Dr Sadia Ambreen Niazi



Dr Sherif Elsharkawy's Research Group



# 2024 ICP Research Grant Recipient – Sumaia Alsafadi New Zealand



Dr Sumaia Alsafadi

**Effect of chemical aging and thermocycling on colour stability and surface properties of highly translucent**

**monolithic polychromatic zirconia crowns – *in vitro* study**

**Primary investigator:** Sumaia Alsafadi (Doctor of Clinical Dentistry in Prosthodontics candidate – Year 2, Faculty of Dentistry, University of Otago, New Zealand)

**Primary research supervisor:** Professor Sunyoung Ma (Faculty of Dentistry, University of Otago, New Zealand)

## **Scope of the study**

To assess the effect of thermocycling and chemical aging on the mechanical properties of monolithic zirconia with different surface treatment.

## **Specific objectives**

-To evaluate the effects of thermocycling and chemical aging on: The optical properties (translucency and colour differences) of monolithic multilayered zirconia crowns

-The surface roughness of monolithic multilayered zirconia crowns

-The fracture strength (and the mode of fracture) of monolithic multilayered zirconia crowns

## **Significance of this research**

Using zirconia for indirect restorations have many benefits such as aesthetic outcomes and better soft tissue response. The manufacturing technology for indirect zirconia restorations has improved significantly to allow for the polychromatic, multi-translucent design which makes the aesthetic results even better and more natural looking. Nevertheless, there is still lack of research investigating the surface characteristics and optical properties of this later generation of zirconia in response to pH and thermal changes in the oral cavity. The results from this study will provide valuable information and guidance to both clinicians and technicians to optimise the use of monolithic multilayered zirconia crowns, and thus providing better long-term outcomes for our patients when providing zirconia restorations.

## **How the ICP grant will help reach our goal**

The budget covers all essential items in terms of materials and consumables as well as technical services such as SEM required in order to prepare and assess the samples.

# 2024 ICP Research Grant Recipient – Shanglin Wu Japan

## **Effects of autoclaving-treatment on mechanical, physical properties and dimensional change of 3D-printing denture teeth resin**

**Purpose.** The purpose of this in vitro study was to analyze the impact of different conditions of autoclaving as post-treatment on the flexural strength and modulus, degree of conversion, Vickers hardness, and dimensional change of 3D-printed denture teeth resin.

**Research content.** A total of 180 specimens [Dima Print Denture Teeth A3 (Kulzer, Japan)] were fabricated by using a digital light processing 3D printer (Cara printer 4.0). The specimens were randomly divided into 5 groups according to different post-treatment protocols: autoclaving at 121°C at different times (4, 30, 60, 90 minutes) and no treatment as a control. The flexural strength and modulus, degree of conversion, Vickers hardness, and dimensional changes tests were performed. The data were analyzed using one-way ANOVA, followed by an appropriate post-hoc test. ( $\alpha = 0.05$ )

### **Importance.**

1. The application of an autoclave following the fabrication of 3D-printed objects can serve to further enhance the physical and mechanical properties of the 3D-printed objects.

2. The autoclave represents an expedient and low-tech method that effectively enhances the physical and mechanical properties.

3. Secondary post-treatment in an autoclave can serve to compensate for the impact of printing setting incompatibility.

### **Clinical implications.**

1. The autoclaving post-treatment condition facilitates a higher degree of conversion and Vickers hardness, as well as other mechanical properties. This can be applied in the production of 3D-printed denture teeth.

2. The autoclaving post-treatment process can be employed to enhance the mechanical and physical properties of other 3D-printed dental materials comprising MMA-based resins.

**The ICP grant is utilized for financing the equipment and materials utilized in the experiments.**



# 2024 ICP Featured Organizational Member Romanian Dental and Maxillofacial Prosthetic Society



We are profoundly honoured that our Romanian Dental and Maxillofacial Prosthetic Society has been accepted by the Board of the International College of Prosthodontists / ICP as an Organizational member of the ICP! We are delighted that this moment generously marks the opening of exciting new paths for international collaboration in prosthodontics and related specialties. Moreover, this moment represents an extraordinary opportunity for enhancing medical scientific research, benefiting our members and—most importantly—our patients, who are the most important value of our work as dental professionals!

We have already shared this wonderful news on our Society's website (available in English): <https://societateprotetica.ro/en/>

Romanian Dental and Maxillofacial Prosthetic Society was founded in 2010 and is currently undergoing a period of refresh and new path for development. Society is a legal entity of private law, non-governmental, independent, non-profit, apolitical, and a

character, without a managerial or union character. Additionally, our prosthetic Society is officially accredited by the College of Dentists in Romania as a "Provider of Continuing Medical Education (CME)." According to current Romanian legislation, every professional dentist in Romania should accumulate a minimum of 200 points of Continuous Medical Education (CME) over 5 years (a minimum of 24 points annually).

We have been following the activities of the ICP for a long time, and we are impressed by its visionary leaders, by the way the ICP is organized, as well as by the exceptional quality of its scientific events (such as webinars, satellite meetings, Biennial Meetings, etc.). In this context, we decided to apply to become an ICP organizational member, and we are truly delighted by this milestone in our Society's development.

As an enthusiastic group, we look forward to learning extensively, exploring new frontiers in scientific research and university dental education, meeting inspiring individuals, and supporting other dental professionals in becoming the best versions of themselves! And, above all, we hope we'll never lose that positive sense of "AWE" in the practice of dentistry!

Our gratitude extends to the ICP Board of Councilors for placing their trust in us!

On behalf of the constituent membership of our organization, I wish you warm regards from Bucharest!

Dr. Mihaela Pantea, DDS / PhD

Senior Lecturer / Department of Prosthodontics

Faculty of Dentistry / "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania

President of the Romanian Dental and Maxillofacial Prosthetic Society

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P.S. Please, enjoy some of our photos from past ICP meetings (London, Amsterdam)

Contact information:

Name: Romanian Dental and Maxillofacial Prosthetic Society

Acronym for Organization: SRPDMF

Organization's General/Public Email Address:

[contact@societateprotetica.ro](mailto:contact@societateprotetica.ro);

[societateprotetica@gmail.com](mailto:societateprotetica@gmail.com) Organization

Website: <https://societateprotetica.ro/en/>

Contact information: Mihaela Pantea;

[mihaela.pantea@umfcd.ro](mailto:mihaela.pantea@umfcd.ro);

tel.:+40722387969



# Advisory Council of Organizational Members (ACOM)



*Thank you for your Continued Support of the ICP Organizational Members*

## **Organization**

Asociación Prostodóntica Argentina  
Academy of Australian and New Zealand Prosthodontists  
Australian Prosthodontic Society Inc  
Association of Prosthodontists of Canada  
Canadian Academy of Restorative Dentistry and Prosthodontics  
Sociedad de Prótesis y Rehabilitación Oral de Chile  
Chinese Society of Prosthodontics of the Chinese Stomatological Association  
DGPro Deutsche Gesellschaft für Prothetische Zahnmedizin und Biomaterialien  
Indian Prosthodontic Society  
Iranian Association of Prosthodontists  
Israeli Society of Prosthodontics  
Italian Society of Prosthodontics and Oral Rehabilitation  
Italian Academy of Prosthetic Dentistry  
Japan Prosthodontic Society  
Jordanian Society of Prosthodontics  
Korean Academy of Prosthodontics  
Macedonian Association of Asthetic Dentistry  
Nepalese Prosthodontic society  
Dutch Society for Prosthetic Dentistry and Orofacial Pain  
Norwegian Association of Oral Prosthodontists  
Sociedad Peruana de Prótesis Dental y Maxilo Facial  
Philippine Prosthodontic Society Inc.  
Romanian Dental and Maxillofacial Prosthetic Society  
Prosthodontic Society Singapore  
Academy of Prosthodontics of South Africa  
Spanish Society of Prosthodontics and Aesthetic Dentistry  
Swedish Society of Oral Prosthetics  
Swiss Society of Reconstructive Dentistry  
Academy of Prosthetic Dentistry, ROC Taiwan  
Turkish Prosthodontic and Implantology Association  
British Society of Prosthodontics  
American College of Prosthodontists  
American Prosthodontic Society  
Florida Prosthodontic Association

## **Country**

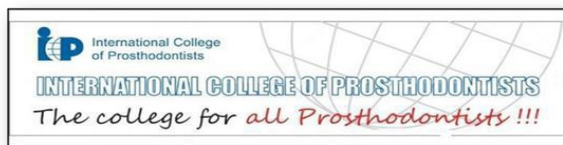
Argentina  
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Korea  
Macedonia  
Nepal  
Netherlands  
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Peru  
Phillipines  
Romania  
Singapore  
South Africa  
Spain  
Sweden  
Switzerland  
Taiwan  
Turkey  
United Kingdom  
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United States

# Welcome New Members...

*We wish to thank all our new ICP members for your kind consideration and encourage you to take an active role in our international fellowship, working with us to elevate the specialty of prosthodontics throughout the world.*

Name	Country
Nafees Uddin Chowdhury Mariana Galán	Bangladesh
Vinita Ved	Chile
Armando Crupi	India
Park Jaehan	Italy
In Meei Tew	Korea
Muhamad Faizran Loo Szen Bin Fadly	Malaysia
Loo Derk-Jan Jager	Netherlands
Goncalo Cunha de Gouveia Kuan Yee	Portugal
Wong	Singapore
Alper Toygun	Turkey
Surina Bhola	United Kingdom

**Make a Difference**  
**The ICP Student Biennial Meeting Travel Stipend Grant** provides a stipend to provide partial travel assistance to Graduate Students wishing to participate in the Oral Presentations at the ICP Biennial meeting.  
 Thank you for your support and kind contributions!



# Partner with the ICP...

Benefit from a long-term partnership that maximizes corporate opportunities "beyond the exhibit booth"

[Read more](#)

## ICP 2024 Global Partner

ICP members receive a 20% discount on the full retail price of all Quintessence books. Members must log-in to their '[member page](#)' and link to the International Journal of Prosthodontics ICON (bottom of page) for details, instructions, discount web page link and discount code. This offer is available only through the Quintessence USA office.

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