



ADM Newsletter

A Publication of the Academy of Dental Materials

2021, Issue 1

Message from the President

By Ulrich Lohbauer

Dear ADM members, Dear friends,
Coronavirus, pandemic, and probably all the derivations thereof, are likely to become the most used words in 2020. Though not apparent to everyone, the strange and unpredictable times we currently face as individuals across nations worldwide, did not spare international organizations; and this includes the ADM. The situation appears to be familiar all around the world: we are working in front of our screens and trying to keep up our businesses alive!

Undoubtedly, the ADM business in 2020 was substantially compromised by the pandemic situation. Coming from a successful, traditional meeting in Jackson Hole last year, we had to learn fast how to communicate digitally in effective ways; this will surely proceed beyond our 2020 virtual meeting from last October. This change showed unfortunate limitations (since we had to

cancel our annual conference in Dublin, Ireland, where we could have been able to interact in the usual and personal way), but also offered the opportunity to widen our worldwide outreach, by not limiting the access to our usual circle of members, and instead opening the gates to a broader, highly interested audience.

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This transition was guided by our former president, Jeff Stansbury, who took up the task and managed to avoid cancelling the meeting. The immediate success of the virtual format was reflected by an outstanding attendance and enthusiasm during the virtual presentations. An accomplishment due to an impressive team effort of the entire ADM

Board, which lead us in that direction. I take this chance to personally thank the ADM Board in its entirety, namely the members-at-large, the committee members, the chairs, as well as our DM editorial team. We had several Board replacements in 2020. We “retired” the webmaster position (thank you Dave for years of commitment) and had to replace two members-at-large positions (thank you Arzu and Mutlu for your commitment during your terms). Not to forget our leaving past-president Paulo César (thanks Paulo for 16 years of teamwork and lots of fun and experiences in the Board). All for the benefit and prosperity of the Academy!

In pre-COVID times, the ADM executive Board used to meet twice a year on both the occasions of the mid-year IADR meetings and the annual ADM conference. Today, we meet practically every month – digitally – and so we are able to dedicate more time on discussing fundamental aspects and address a variety of long pending issues. Next to all the virtual implications, we instituted a new post-doc membership category and the related Marshall-Award for post-doc researchers, sanctioned by our recently revised by-laws. Following our strong belief on the post-doc period as having an overproportionate effect on the scientific education of young

researchers, we committed to add substantial support and funding opportunities specifically for this membership category. Further, we established means of investing parts of the Academy’s assets (currently on hold, due to unpredictable market fluctuations). We also raised discussions towards e-business, including Board and membership-related business and voting.

The new term 2020-2022 has started in October, with a new spirit of incoming Board members (welcome to Julian LePrince and Marcelo Giannini as our new Board members-at-large). Having reported all relevant Board efforts, it is needless to say that during my presidency I will continue to further drive the effectiveness of the Board business as a team effort. In this context, I would also like to welcome Rick Carvalho as our new ADM secretary! In 2021, we are organizing the upcoming annual conference to be held from October 6th - 9th in Athens, Greece (regular updates can be found on the ADM conference website at www.admconference.com). We are confident on the feasibility of a physical meeting as far as October 2021, but passionate on conferring a hybrid character to it, by incorporating virtual elements for those who will not be able to travel and participate

in person. Plans for 2022 are currently underway and will be announced soon.

I wish everybody a good start in 2021 (hopefully towards a declining infection incidence), with new horizons, fresh ideas, and exciting endeavors! I hope to see you all in person soon and help re-establish the connection to our former relationships once we successfully conquered this crisis!

Stay safe and healthy!

Uli Lohbauer

Call for Abstracts Athens - 2021

The abstract submission site will open **March 30, 2021**. The Scientific Program Committee invites you to submit an abstract to be considered for Poster Presentation at the 2021 Conference Program.

IMPORTANT DEADLINES

Abstract submission deadline:

June 5, 2021

Preliminary abstract acceptance notifications:

June 26, 2021

Pre-Registration Deadline for Presenters:

July 20, 2021

Final Acceptance: **August 1, 2021**

Past-President Message

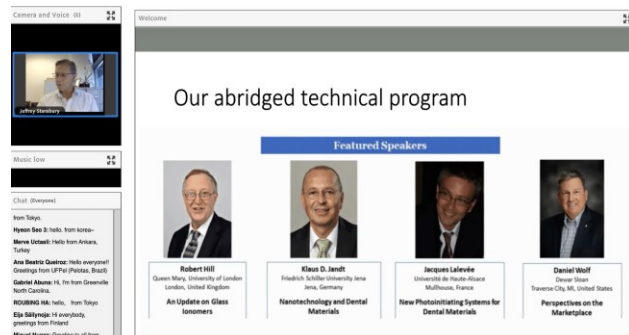
By Jeffrey Stansbury

Since joining the ADM Board back in 2012, my respect for and pride in this organization has only grown. It has been a true honor representing the Academy and that includes my work with the Board as well as working with and for you - our members. I have said previously that the ADM annual meeting is one of the highpoints on my schedule of conferences. This is due to the topical breadth of the expert speakers, the depth of a subject they are able to convey, the engaged and energetic interaction between the speakers and audience, and of course, the wonderful meeting venues along with a bit of programmed free time that promotes exploration and opportunities for friends to connect or new friendships to form. The first meeting I organized in beautiful Jackson Hole, Wyoming focused on the materials aspects of digital dentistry. I think it hit all the right notes to be in that category of a quality, memorable meeting. All that sounds really good right now in this extraordinary year that saw our planned meeting in Dublin transition to a two-day virtual meeting. I hope you were able to take part either in real time or via the recorded presentations. We learned some valuable lessons with the on-line meeting



format that will likely allow us to expand the ways we conduct our physical meetings as well as manage exchanges between the board and membership. I look forward to continuing to actively contribute to the Academy, which is in very good hands with our current leadership. Please stay engaged and I thank you for providing me this opportunity to serve.

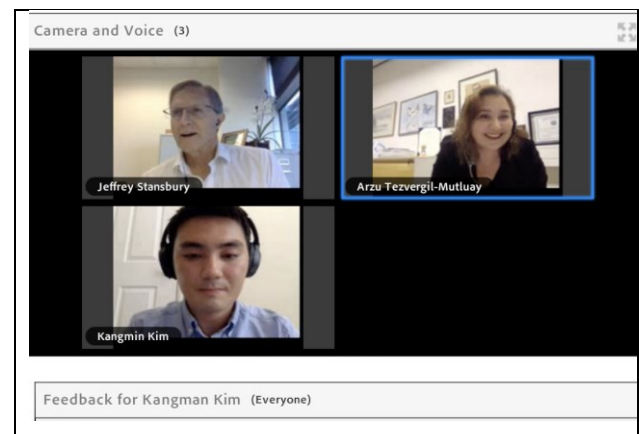
Annual Meeting Report Held On-Line, Oct 7-8 By Rick Carvalho



The stunning landscape of 2019-Jackson Hole Annual Meeting was replaced this year by our "not-so-stunning" computer screens. That, however, did not negatively affect the enthusiasm of the members and the quality of science encountered in our 2020 Annual meeting, held on-line for the first time in our history. Between October 6 and 8, 577 participants from 42 different countries joined in the virtual space of ADM, generously

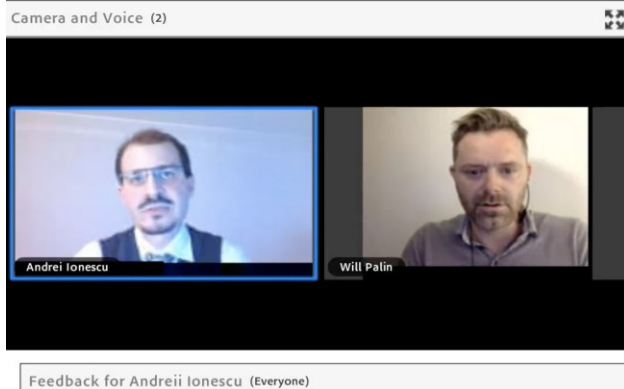
supported by our long-time corporate sponsor Dentsply-Sirona.

The main theme of the conference was "Polymers and Ceramics on the Dental Materials Horizon". In order to adjust to the new virtual format and provide a comfortable learning environment without excessive screen time, the overall program was reduced to presentations of four invited speakers and the winners of 2019 Paffenbarger and Marshall's awards.



The meeting initiated with "An update on Glass-Ionomer Cements" by Professor Robert Hill (Queen Mary University, London), followed by Prof. Jacques Lalevée (Université de Haute-Alsace) who enlightened the audience with a presentation on "New Photoinitiating Systems for Dental Materials". The first day closed with Dr. Kangmin Kim (University of Colorado, Boulder) presenting the study that was the winner of the 2019-

Paffenbarger award. Early in the second day



we learned from Professor Klaus Jandt (University of Jena) how to benefit from "Nanotechnology in Dental Materials", then followed by a refreshing vision of dental materials in "Perspectives on the Marketplace", by Mr. Daniel Wolf (Dewar Sloan). This was followed by the winner of the 2019 Marshall Award, Dr. Andrei Ionescu (University of Milan) who presented the findings of the study "Microbiological Aging of Dental Materials". Unfortunately, this year we could not continue the tradition of Breakfast & Learning and we also missed the opportunity to be updated with the freshest dental materials research around because abstracts were also not submitted or presented this year. Dr. Ulrich Lohbauer then took the main screen to entice everyone with the announcement of our 2021 Annual meeting to be held in Athens, Greece. We are hopeful that with the dissemination of vaccinations across

the Globe (and perhaps with a bit of help from Zeus and his co-workers) we will have the world returning to its normal course and we shall be able to meet at Olympus.

Treasurer's Report

By Carmem Pfeifer

	2019	2020
Total members	237	223
Students	8	8
Total fellows	56	57
Registered for meeting	165 (total) 137 (paid)	NA
Total assets	\$670,222	\$752,199
Total income	\$281,400	\$323,828
Royalties	\$91,648	\$92,0000
Total expenses	\$276,673	\$318,548
Net income (loss)	\$4,726	\$5,280
Annual meeting net income (loss)*	(\$58,340)	(\$1,060)

1. Financially, the Academy is in good shape. The net assets have increased by \$82,000 to date. The total assets line reflects the values as of December 31 each year (calendar year totals).
2. *The final accounting for the 2019 annual meeting in Jackson Hole reflects a financial loss, which was mainly due to the Academy being responsible for the unused room blocks in the Teton Village (room attrition charge \$54,537).

3. The Dublin meeting was cancelled in time to sever contracts within the “no penalty clause” deadline, so the Academy did not incur any appreciable financial loss. The only monies that were non-recoverable refer to meeting advertisement (US\$ 1,060). Sponsors for the Dublin meeting mostly opted to defer to next year’s meeting in Greece, which will impact the 2021 “total income” line. No monies were returned – so that needs to be taken into account for next year’s meeting budget. For that reason, the final numbers for 2020 are not presented.
4. Progress of the FAC activities: the process to invest \$350,000 into a fixed income brokerage account on Wells Fargo was almost finalized but halted just in time when the pandemic started to unfold. In the past few months, all of the signees (the treasurer included) provided documents and signatures to accomplish this goal, which will be continued once the financial market is less volatile. The return on investment for this type of account is low (around 2% a year), but that also comes with very low risk. Please note: *this type of account is NOT insured by the FDIC*, unlike savings accounts.

New Funding Opportunity

If you are an early-career investigator, check below what ADM has prepared for you

New ADM Fellowship Award

The Academy of Dental Materials invites applications from members **currently in an early-stage investigator status** for a sponsored Fellowship in dental materials science. The Fellowship is in memory of **Rafael L. Bowen**. This award is being made to support those "early-stage" investigators conducting research directly related to dental materials, to educate and interconnect our field of science, with the main intention of promoting excellent science by sponsoring new collaborative research projects or expanding on existing projects in a meaningful way. Each Fellowship consists of a lump sum of \$20,000 (USD) to cover expenses associated with the proposal. Upon completion of the award period, recipients are required to present their research at a subsequent ADM meeting. More details on eligibility and how to apply will be posted on the [ADM website](#) and advertised broadly to the community in early January, with proposals due on **June 30, 2021**.

From the Editorial Office

By David Watts and Nick Silikas

The effects of the C-19 pandemic and associated lockdown are set to continue for several more months into 2021. It has become necessary to adjust our working lives as scientists and/or clinicians to this situation. Laboratories have been closed for extended periods and experimental research has been disrupted. Many of us have taken the opportunity to write up completed experimental work and sought to achieve publications. Indeed, the rate of submissions of manuscripts to *Dental Materials* has continued to grow during 2020, maintaining a trend seen over the past decade. We are deeply grateful to our diligent reviewers. Thank you!

Amongst the avalanche of submissions, or proposed submissions, there has been an increased proportion of various types of reviews, many following PRISMA guidelines. However, it has been necessary to refuse *permission to submit* for quite a large number of review manuscripts. First of all, we prioritise *original experimental investigations* into dental materials. Secondly, many reviews - despite following a rigorous selection and analysis methodology - are reaching

conclusions that are quite lame and only confirmatory. This leads to minimal net benefit for the community. Authoritative reviews are sought from well-established experts, rather than novices. By contrast, we have been able to publish some excellent reviews - systematic or otherwise - that afford timely and insightful outcomes. Amongst these are speaker manuscripts arising from ADM annual meetings. So, please aim to prioritise careful experimental studies in 2021 and please be sure to comply with author guidelines! Finally, even as senior Academics and experienced researchers, we often find it necessary for our own draft manuscripts to have up to 20 versions before we are satisfied with them.

Fellowships and Awards

**Marshall Postdoctoral Award;
Paffenbarger Award; Student Travel
Award**

The activities related to these awards were not conducted in 2020. The normal process for submission to these awards should return in 2021. More information will be posted in the website and circulated among members as we learn how the pandemic scenario will affect our plans for Athens 2021.

Fellowship

During the 2020 virtual Meeting, the Academy announced the Fellowships awarded to Grace de Souza, Chu Chun Hung, and Ahmad Al Nazzawi. The respective plaques will be presented during the annual meeting in Athens. Congratulations to our new Fellows!



- Dr. Grace de Souza, DDS, MSc., PhD. Associate Professor at University of Toronto, Faculty of Dentistry.
- Dr. Chu Chun Hung, BDS, MDS, PDipDS, PhD. Clinical Professor in Cariology, Faculty of Dentistry, University of Hong Kong.
- Dr. Ahmad Al Nazzawi, BDS, MSc, PhD. Professor and Dean, College of Dentistry, Taibah University, Saudi Arabia.

Emeritus Status

The Executive Board approved Emeritus status for Dr. Sheldon Newman, retired from the University of Colorado since 2019 and Dr. Larry Gettleman retired from the University of Louisville since 2016.

We wish Sheldon and Larry all the best for their future!



Dr. Sheldon Newman



Dr. Larry Gettleman

University Student Award

Chair: Milena Cadenaro

In 2020, 31 members of the Academy, at various Dental Schools around the world, presented awards to the most outstanding student researchers in the field of Dental Materials – Congratulations!

Request forms for the 2021 Awards are available at [our website](#). Please send the request forms to the ADM Administration, attention Lynn Reeves at ADM@res-inc.com



News from the Board

Gratitude to David Berzins:



The ADM Board gratefully recognizes the dedicated service that David Berzins (Marquette University) provided as the ADM Webmaster from 2013 until this past summer when the Board retired that position. The on-line services for our organization have now been very effectively transitioned into the responsibilities of our new administrative and meeting management team – RES Seminars. After Steve Bayne brought the Academy on-line way back in the last century, David responded to a request to our membership looking for help in this area and upon his selection, the Webmaster position was created under the direction of President Lorenzo Breschi. David worked closely with Tom and Dea Dea Hilton to manage our e-presence and his valuable expertise and effort have certainly been greatly appreciated.

ADM 2021

Save the Date!



Please check www.admconference.com for all conference updates. Recently, the conference venue, the confirmed list of speakers and our meeting sponsors have been updated.

We are looking forward to meeting you all in person in beautiful Athens in 2021!

Uli Lohbauer, local meeting organizer

ADM Executive Board and Committees**ADM Board of Directors:****President (2020-2022):**

Ulrich Lohbauer

Vice-President (2020-2022):

Milena Cadenaro

Immediate Past-President (2020-2022):

Jeffrey Stansbury

Treasurer (2020-2024):

Carmem Pfeifer

Secretary (2020-2022):

Ricardo Carvalho

Board Members-At-Large:

Marcelo Giannini (2020-2024):

Julian Leprince (2020-2024):

Roberto Braga (2017-2021):

Annalisa Mazzoni (2017-2021):

William Palin (2017-2021):

Alex Fok (2018 – 2022):

Dental Materials Editor:

David C. Watts

Transaction Editor:

Nick Silikas

Membership Chair:

Arzu Tezvergil-Mutluay

ADM Current Committees:**Award Committees:****The Marshall Postdoctoral Award Chair**

William Palin

Paffenbarger Award Chair

Arzu Tezvergil-Mutluay

Student Travel Award Chair

Alex Fok

University Student Award Chair

Ricardo Carvalho

Fellowship Committee Chair:

Ricardo Carvalho

Bowen Award Review Committee:

Jeffrey Stansbury

William Palin

Carmem Pfeifer

By Laws Committee:

Jeffrey Stansbury

Milena Cadenaro

Ricardo Carvalho

Ulrich Lohbauer (Chair)

Carmem Pfeifer

Financial Advisory Committee (FAC):

Steven Armstrong

Ulrich Lohbauer

Carmem Pfeifer (Chair)

Jeffrey Stansbury

Executive Manager:

Lynn Reeves, RES Inc.

admin@academydentalmaterials.org

ADM Corporate Sponsors:



ACADEMY OF DENTAL MATERIALS



SAVE THE DATE: OCTOBER 6-9, 2021

PROGRESS IN ADHESION, CERAMIC MATERIALS, AND DIGITAL ENGINEERING



Invited Speakers

JORGE BELINHA
University of Porto,
Porto, Portugal

SILKE CHRISTIANSEN
INAM Research Center for Nanotechnology
and Correlative Microscopy,
Forchheim, Germany

AFSHIN FALSAFI
3M Oral Care Solutions,
St. Paul, MN USA

RALF KOHAL
University of Freiburg,
Freiburg, Germany

TANJA LUBE
Montanuniversität Leoben,
Leoben, Austria

SPIRO MEGREMIS
ADA Science & Research Institute, LLC,
Chicago, IL USA

ANDRÉ STUDART
ETH Zürich,
Zürich, Switzerland

KUMIKO YOSHIHARA
National Institute of Advanced Industrial
Science and Technology (AIST)
Takamatsu, Japan

EDGAR ZANOTTO
Federal University of Sao Carlos,
São Paulo, Brazil

Please visit the ADM Conference Website to view the 2021 Invited Speakers and Scientific Program

www.admconference.com

ADM ADMINISTRATION
adm@res-inc.com | 1.858.272.1018