

## SPEAKERS



## SPEAKER BIOS & DISCLOSURES

## Manaf T. Agha, DDS, MD, PhD

Ajman University, Dubai, United Arab Emirates (UAE)



Dr. Agha received his DDS degree in 1996 from Aleppo University in Syria. He is a private practitioner and a senior lecturer based in Dubai. He pursued postgraduate studies in periodontology, and achieved Master in Laser Dentistry from the Medical University of Vienna. Since 2016 he has been a PhD researcher at Charles University, Department of Stomatology, in Pilsen, Czech Republic. Dr. Agha has been Head of the laser research unit at Ajman University, UAE, since 2007 to date, and teaches laser and modern technology to 5<sup>th</sup>-year students and post-graduates. He is a former Chairman of the Science and Research Committee of the Academy of Laser Dentistry. He is a co-founder and former secretary general of the International Academy for Laser Education, Vienna, Austria, and President of the Academy for Laser Education (ALE), UAE branch. Dr. Agha is an international speaker in laser dentistry, and has contributed in two books in dentistry: *Microinvasive Dentistry* by John J. Graeber, and *Principles and Practice of Laser Dentistry* (forthcoming 3rd Edition) by Robert A. Convisar.

*Disclosure:* Dr. Agha has reported no conflicts of interest.

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## Walid Altayeb, DDS, MScD, PhD

Private Practice, Doha, Qatar



Dr. Altayeb received his dental degree from the Faculty of Dentistry, Damascus University, in 1998 and completed his Master of Science in Periodontics in 2004 and Doctorate of Philosophy in Periodontics in 2007. He has achieved Advanced Proficiency certificates from the Academy of Laser Dentistry in 980-nm diode and Er:YAG lasers. Dr. Altayeb has Mastership in the Academy of Laser Dentistry, is a member of the ALD Board of Directors and Speakers Bureau, Chair of the ALD International Relations Committee, Founder and Chair of the ALD Gulf Laser Chapter, and received The John G. Sulewski Distinguished Service Award from ALD in 2019. He is the founder of the laser section in the British Academy of Implant and Restorative Dentistry (BAIRD) and the founder

of the Professional Diploma in Advanced Laser Dentistry of BAIRD. Dr. Altayeb conducts “Pink Aesthetics & Laser Dentistry” courses with the British Academy of Implant and Restorative Dentistry in Qatar, Bahrain, Saudi Arabia, Oman, and UAE. He has participated in many conferences in the Middle East, Europe, and USA as a speaker in the fields of periodontal medicine and laser dentistry. He served as the General Secretary of the iLED 2018 and 2019 Conferences and is a Lecturer for the Catholic University of the Sacred Heart Rome, Italy. He is working in private practice as a periodontist and implantologist in the Tamim Dental Polyclinic, Doha, Qatar, Dr. Imran Aestheticare Center, Dubai, UAE, and the Masters Dental and Aesthetic Center, Abu Dhabi, UAE.

*Disclosure:* Dr. Altayeb is a speaker in the British Academy of Implant and Restorative Dentistry and receives a modest honorarium for his educational activities. He has reported no commercial affiliations or personal conflicts of interest relative to this presentation.

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## Sebastiano Andreana, DDS, MS

The State University of New York, University at Buffalo School of Dental Medicine, Buffalo, New York, USA



Dr. Andreana is Associate Professor and Director of Implant Dentistry at the University at Buffalo, School of Dental Medicine, Buffalo, New York, USA. He is the recipient of ALD's 2012 T.H. Maiman Award for Excellence in Dental Laser Research and is the recipient of the Isiah Lew Memorial Research Award from the American Academy of Implant Dentistry. Dr. Andreana is a past Board Member of the ALD, and past Chair of ALD's University and Academia Relations Committee and Science and Research Committee. He is the author of several peer-reviewed articles on lasers in dentistry.

*Disclosure:* Dr. Andreana has reported no commercial affiliations or personal conflicts of interest.

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## Akira Aoki, DDS, PhD

Tokyo Medical and Dental University (TMDU), Tokyo, Japan



Dr. Aoki received his DDS degree from Tokyo Medical and Dental University (TMDU), Japan in 1989. He was awarded his PhD in 1996 and currently works as Professor for Photoperiodontics in the Department of Periodontology, TMDU. He has been engaged in Er:YAG laser research since 1991. Dr. Aoki received the Best Presentation Award at the 3rd International Society for Lasers in Dentistry (ISLD) in 1992 and the 7th ISLD in 1998, and T.H. Maiman Award from the Academy of Laser Dentistry (ALD) in 2001, for excellence in Er:YAG laser research in dentistry. From 2003 to 2004, he was a Visiting Assistant Professor at the Department of Preventive and Restorative Dental Sciences, University of California San Francisco, USA. He is the President Elect of the World Federation for Laser Dentistry (WFLD).

*Disclosure:* Dr. Aoki received technical support from the J Morita Corp.

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## Josep Arnabat-Dominguez, MD, DDS, PhD

University of Barcelona, Faculty of Dentistry, Barcelona, Spain



Dr. Arnabat-Dominguez is an Associate Professor of Oral Surgery and Co-Director of the European Master Degree in Oral Laser Applications (EMDOLA) program, Faculty of Dentistry, University of Barcelona in Spain. He is a Researcher at the IDIBELL Institute, Group of Odontological and Maxillofacial Pathology and Therapeutics, Barcelona, Spain. He is a member of the World Federation for Laser Dentistry, founder and past president of the Spanish Society of Lasers in Dentistry (SELO), founder of the Spanish Society of Oral Surgery, and member of the Spanish Society of Periodontology and Spanish Society of Dental Prostheses. As a professor he has collaborated in a number of dentistry textbooks and journal articles and has lectured in many national and international congresses.

*Disclosure:* Dr. Arnabat-Dominguez has reported no conflicts of interest.

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## Lynn Atkinson, RDH

Private Practice, Torrance, California, USA



Lynn Atkinson has been a Registered Dental Hygienist for 30 years. She graduated from Cypress College with a degree in Dental Hygiene in 1989 and was fortunate enough to be a part of several dental teams that incorporated state-of-the-art technology. Since obtaining the Associate Fellowship Certification through the World Clinical Laser Institute (WCLI) in 1996, Lynn has been actively applying the use of dental lasers in hygiene on a daily basis. She went on to achieve the Standard Proficiency Certification through the Academy of Laser Dentistry (ALD) in 2013 and the Advanced Proficiency Certification Parts I and II in 2019. Lynn is currently practicing four days a week and is also training hygienists and dental other team members on the use of lasers along with strategies to incorporate dental lasers into their protocol with her company, Laser Focused Hygiene. She is an active member of the Academy of Laser Dentistry, the American Dental Hygienists' Association, the California Dental Hygienists' Association, and is the Hygiene Member on the Biolase Advisory Board. She serves on the ALD Board of Directors as Auxiliary Committee Chair and is involved in the testing committee.

*Disclosure:* Ms. Atkinson is the Hygiene Member of the Biolase Advisory Board and is a principal in Laser Focused Hygiene.

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## Kelly Blodgett, DMD, NMD, IBDM

Private Dental Practice, Portland, Oregon, USA



Dr. Blodgett maintains a holistic and integrative oral medicine practice in Portland, Oregon. Since 2016, he has prescribed Perio Trays for almost 500 patients, improving patient health and tripling production in his practice while maintaining a smaller team size. He has developed an internationally recognized niche practice catering to a clientele who value complete systemic health.

*Disclosure:* Dr. Blodgett has received an honorarium from Perio Protect for this presentation.

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## Keith Brewster, DDS

Private Dental Practice, Dallas, Texas, USA



Dr. Brewster graduated from Baylor College of Dentistry in 1984 and maintains a private practice in Dallas, Texas, practicing General Dentistry. He has taken extensive continuing education including orthodontics, laser, implantology, occlusion, cone beam computed tomography (CBCT), and digital dentistry.

*Disclosure:* Dr. Brewster has received modest compensation from Sirona for individual meetings to perform live guided dental implant placement with digital crown design surgeries. He is a lecturer for Dental Aim.

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## Mel A. Burchman, DDS

Private Practice, Yardley, Pennsylvania, USA



Dr. Burchman began using lasers in 1998 and now has eight lasers in his practice. In 2001 he received Advanced Proficiency in the Nd:YAG laser from the ALD. In November 2003 he received The Science Behind the Clinic of Laser Dentistry award for his presentation on Nd:YAG and Diode Laser Therapy in the Medically Compromised Patient. Also in 2003 his office was featured in *Men's Health* Magazine in "The Drill Is Gone." In 2005 he received Certified Laser Educator status from the Academy of Laser Dentistry and received its Certificate of Mastership in 2008. He has been published twice in the ALD journal *Wavelengths* on the subject of lasers in the care of medically compromised patients and in 2012 received ALD's Leon Goldman Award for Clinical Excellence for this work. He has presented on this topic more than 60 times both nationally and internationally and it is his passion. Dr. Burchman has served the ALD as a mentor, examiner, and chairman of many committees, member of the ALD Board of Directors, Executive Committee, Secretary, Treasurer, and Vice President. He was the keynote speaker at the 2014 OCMIS Laser Conference and the 2019 ALD-BAIRD Laser Conference in Qatar. In 2015 he was the General and Scientific Chairman of the ALD conference and in 2016 the Co-Program Chair of the American Society for Laser Medicine and Surgery

(ASLMS) conference. In 2016 he received his Recognized Course Provider certification from ALD and was the Chairman of its 2019 conference. In 2018 he had the honor to testify before a Congressional Subcommittee on using dental lasers to help control opioid abuse. He was the President of the Academy of Laser Dentistry in 2020.

*Disclosure:* Previously Dr. Burchman has lectured for Sirona Dental, Benco Dental, Henry Schein, Advanced Dental Hygiene, and MedX Laser Health Systems and received honorariums.

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## James Carroll, AMInstP, FRSM

THOR Photomedicine Ltd, Chesham,  
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James Carroll is an electronics engineer and is the founder and CEO of THOR Photomedicine Ltd. He is a recognized authority and much-published author on low-level laser therapy (LLLT) / photobiomodulation mechanisms of action, dose, dose rate effects, and the measurement and reporting of LLLT parameters. James is the recipient of the 2021 ALD T.H. Maiman Award for Excellence in Dental Laser Research.

*Disclosure:* Mr. Carroll is founder and CEO of THOR Photomedicine, a LLLT manufacturing company and has ownership interest in Lumithera, Inc., a developmental stage medical device company developing photobiomodulation treatment protocols for age-related macular degeneration and other ocular indications, compensation for which is significant. THOR receives significant research support from the National Institutes of Health, National Institute for Health Research, Massachusetts General Hospital, Harvard School of Public Health, Brigham and Women's Hospital, Sydney University Dental School, Birmingham University Dental School, Tel Aviv University, and others.

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## Arun A. Darbar, BDS, DGD(UK)

Smile Creations Innovations, Leighton Buzzard,  
Bedfordshire, United Kingdom



Dr. Arun Darbar is a multi-award-winning laser and esthetic dentist. At the forefront of laser dentistry, he has been dedicated to providing cutting-edge dentistry to his patients for over 35 years. He is an accredited member of the British Academy of Cosmetic Dentistry (BACD) and is the credentialing committee chair, a board member, and an examiner. Dr. Darbar continuously runs courses and trains dentists worldwide. He is also an invited speaker and published author on lasers in dentistry worldwide. He has been instrumental in pioneering the use of Low Level Laser Therapy (LLLT), more recently termed Photobiomodulation Therapy (PBM and PBMT), and using high-power surgical lasers with diffusers. He continues to be involved in research and development, designing and beta-testing of numerous laser units. As a leading member of the Academy of Laser Dentistry (ALD), he holds Master, Certified Educator, and Certification Course Trainer status. Professionally he serves on the ALD Board of Directors, is currently the president-elect, having previously served as the International Relations Committee Chair. Dr. Darbar co-chairs the Education and Certification committees, is an invited member of the Science and Research Committee, and also serves as an examiner. In 2018 he served as Chair of ALD General and Scientific Sessions Committee, co-chaired the same for the 2018 Implants-Laser-Esthetics-Digital (iLED) conference in Dubai, and at present is the chair for the 2021 ALD conference. He is faculty for ALD international fellowship programs. In 2017 Dr. Darbar was the recipient of the prestigious John G. Sulewski Distinguished Service Award. He is a founding member of the International Academy of Innovative Dentistry (IAID).

*Disclosure:* Dr. Darbar is not sponsored for this presentation but does provide education for various organizations and receives modest expenses and remuneration.

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## Wenbin Feng, BS

Touro College of Dental Medicine at New York  
Medical College, Hawthorne, New York, USA



Wenbin Feng is a native of China and came to the United States with dreams of pursuing a career in dentistry. Before joining the Touro College of Dental Medicine, he obtained a bachelor's degree at the University of California, Los Angeles, with a major in molecular, cellular, and developmental biology. Wenbin is currently a fourth-year dental student, and the clinical exposure has drawn his attention to orthodontics. Learning with the latest technology to deliver the best patient care and sharing his experiences and skills with colleagues is particularly rewarding. His motto is "stay active and keep learning."

*Disclosure:* Howard A. Fine, DMD, Director of Orthodontics, Clinical Assistant Professor of Dental Medicine, and Christopher Walinski, DDS, Course Director for Lasers in Dentistry, Clinical Practice Leader, and Associate Professor of Dental Medicine, provided advice for this research project. Research materials are provided by Dr. Walinski.

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## Marcos Garcia, DDS

University of Houston School of Dentistry, Houston, Texas, USA



Dr. Garcia graduated from University of Texas School of Dentistry at Houston in 2018. He is currently a third-year resident in periodontics. He was awarded the Student Leader Scholarship, Nasjleti Periodontics Scholarship, Academy of Dental Materials Awards, The Quintessence Award for Academic Achievement and Research, and The Danny D'Anton Scholarship for Biomaterials. During his periodontics training, he has had the opportunity to apply laser technology in the treatment of periodontitis and peri-implant diseases with positive clinical outcomes. Dr. Garcia and his mentors, Drs. Juliana Barros, Shalizeh Patel, and Sridhar Eswaran, were honored to receive The Academy of Laser Dentistry's Dr. Eugene Seidner Research Grant for their project entitled "Clinical and Microbiologic Outcomes of Adjunctive Antimicrobial Photodynamic Therapy in the Non-Surgical Treatment of Peri-Implant Disease."



*Disclosure:* Dr. Garcia has reported no relationships related to compensation or conflicts of interest.

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### John J. Graeber, DMD, MAGD, MALD, FICD

Morristown Memorial Hospital, East Hanover, New Jersey, USA



One of America's most experienced laser dentists, Dr. Graeber maintains a full-time comprehensive cosmetic practice in East Hanover, New Jersey. He has utilized Nd:YAG, diode, Erbium:YAG, Erbium,Cr:YSGG, and photobiomodulatory dental lasers since 1991. He is a recognized expert in air abrasion procedures and laser diagnostic instruments. He is the co-author and editor of the text *Microinvasive Dentistry: Clinical Strategies and Tools* (JP Medical Publishers, 2021). An alumnus of the University of Medicine and Dentistry of New Jersey (1972), now Rutgers School of Dental Medicine, Dr. Graeber is a past president of the Tri-County Dental Society and founding member of the Metropolitan Academy of Laser Dentistry. He was elected President of the New Jersey Dental Association and has served as a member of the American Dental Association (ADA) Council on Ethics, Bylaws and Judicial Affairs, and served 14 years as a member of the Board of Directors of the Academy of Laser Dentistry. He has lectured internationally in many dental schools, esthetic continuums, and major dental meetings for more than 22 years on most laser devices. He has trained thousands of new owners for most of the major dental laser manufacturers. An Academy of Laser Dentistry Standard Course Provider, he has served as a Certified Laser Educator at the Las Vegas Institute and has written 20 nationally published articles on high-tech subjects. Dr. Graeber is a founding member and Past President of the Academy of Laser Dentistry, former Chairman of Certification and Strategic Planning, and maintains an online diode laser training Web site, [softtouchseminars.com](http://softtouchseminars.com). He was awarded the Leon Goldman Award for Clinical Excellence by the Academy of Laser Dentistry in 2018.

*Disclosure:* Dr. Graeber lectures for CAO and Ultradent lasers. He is the co-author and editor of *Microinvasive Dentistry: Clinical Strategies and Tools*.

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### Jeffrey Harrison, DDS

Sleep Group Solutions, Cortez, Colorado, USA



Dr. Harrison graduated from the University of Missouri, Kansas City School of Dentistry, completed a General Practice Residency at St John's Mercy Medical Center in his hometown of St Louis, Missouri, and achieved Mastership Certification in laser-assisted dentistry from the World Clinical Laser Institute. Dr. Harrison is the founder of Colorado Laser Dentistry and Sleeping Giant Sleep Solutions. Recognizing that his patients were displaying signs and symptoms of a medical condition beyond what he was taught in dental school and residency, he sought out the finest continuing education programs he could find. Realizing his observations in the mouth were related to things happening elsewhere in the body and vice versa has led him to the exciting, growing, and ever-evolving field of dental sleep medicine. Dr. Harrison joined the team of Sleep Group Solutions as a Regional Medical Director in 2020. His goal is to help as many dentists as he can to realize their vitally important role in the long-term health and longevity of their patients. Now is the time for dentistry to progress beyond fixing teeth and gums and play a larger part in improving and prolonging the lives of their patient's through a collaborative health care system.

*Disclosure:* Dr. Harrison is the Medical Director of Sleep Group Solutions and oversees the sales of their dental sleep medicine program for the western United States. He is also considered to be a key opinion leader for Biolase. Dr. Harrison is speaking on this topic today without receiving any honorarium from either company.

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## Charles Hoopingarner, DDS, FAGD, MALD

University of Texas School of Dentistry Houston, Austin, Texas, USA



Dr. Hoopingarner attended the University of Texas Health Science Center at Houston Dental Branch, graduating with a DDS in 1973. He has maintained a private practice in Houston, Texas, and was an Adjunct Associate Professor in the Department of Anatomical Sciences for 11 years. He is currently in his 23rd year as an Associate Professor in the Department of General Practice. He was a Clinical Instructor at the Las Vegas Institute for Advanced Dental Studies from 1997 to 2007, teaching Advanced Anterior Aesthetics, Comprehensive Anterior Reconstruction, and Advanced Occlusion courses in a live patient educational format. Dr. Hoopingarner has used dental lasers as an integral part of his patient care delivery system for the last 30 years and holds Standard and Advanced Proficiency Certifications for both diode and Er:YAG lasers from the Academy of Laser Dentistry (ALD). He has attained ALD Mastership, is an ALD Recognized Course Provider, and is an ALD Past President. Dr. Hoopingarner has authored numerous articles and lectured internationally on subjects relating to the use of lasers in providing dental care.

*Disclosure:* Dr. Hoopingarner has reported no relevant conflicts of interest.

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## Robin D. Horton, BDS

Wayside Dental Practice, Harpenden, Hertfordshire, United Kingdom



Dr. Horton is the owner and principal dentist at Wayside Dental Practice. He has been a dentist for 30 years and has used lasers for over 25 years. He has an Oral Surgery background, and is a long-time ALD member. Dr. Horton is an occasional lecturer for Nobel Biocare, Kavo-Kerr, and Optident. He is currently the Treasurer of Pandora Dental Guidance and Support, a self-help group for dentists born out of the COVID crisis. He is a General Dentist with a special interest in implants and is an ambassador for Nobel Biocare. Dr. Horton also serves as a mentor to dentists beginning their implant journey.

*Disclosure:* Dr. Horton lectures for Nobel Biocare, Kavo Kerr, and Optident on occasion and receives a modest honorarium and occasionally receives discounts on supplies and equipment for these activities.

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## Rishita Jaju, DMD

Private Practice, Reston, Virginia, USA



Dr. Jaju is a Board-certified Pediatric Dentist in Reston, Virginia. She completed her dental education at the Harvard School of Dental Medicine and was selected for a scholarship to present her research findings at the International Association for Dental Research meeting in Hawaii. She received her specialty training in pediatric dentistry at the Children's National Medical Center in Washington, DC, where she continues to teach as a part-time clinical faculty. Dr. Jaju has achieved Mastership status and Advanced Proficiency certification from the Academy of Laser Dentistry. She has written many articles and provided seminars for introducing and promoting the benefits of laser applications in dentistry to area general dentists, pediatricians, lactation consultants, and speech pathologists.

*Disclosure:* Dr. Jaju has written a white paper for Biolase for which she received compensation.

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## Ron Kaminer, DDS, FAGD

Private Practice, Hewlett, New York, USA



Dr. Kaminer is a 1990 graduate of the State of New York (SUNY) Buffalo School of Dental Medicine. He has always been passionate about technology and was one of the first 100 dentists in the country to include a hard-tissue dental laser into his practice. Over the years Dr. Kaminer has taught dental lasers, technology, and minimally invasive dentistry to thousands of dentists worldwide. He sits on the Board of Catapult Education, is a frequent

contributor to Mentor magazine, sits on the editorial board of Dental Product Shopper, and acts as a clinical consultant to numerous dental manufacturers. While doing all of the above, Dr. Kaminer practices full-time in both his offices in Hewlett and Oceanside, New York, focusing on minimally invasive and digital dentistry. He is a Fellow of the Academy of General Dentistry, member of the American Dental Association, and member of The Academy of Laser Dentistry.

*Disclosure:* Dr. Kaminer receives honoraria from Shofu.

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### Islam Kassem, BDS, MSc, FDS RCS

Alexandria University Hospital, Alexandria, Egypt



Dr. Islam Kassem is a consultant maxillofacial surgeon with special interest in facial esthetics. He graduated from the Alexandria University Faculty of Dentistry, completed his residency in maxillofacial and plastic surgery, and obtained a master's degree in oral and maxillofacial surgery. Dr. Kassem is qualified from the Royal College of Surgeons of England as Member and Fellow in Oral and Maxillofacial Surgery. He also obtained a diploma in facial aesthetics from the American Academy of Aesthetics (AAA). He has conducted more than 80 classes in facial esthetics for more than 1200 dentists and physicians in injectables and facial esthetics. These classes were conducted in 12 countries and accredited by American Dental Association Continuing Education Recognition Program (ADA CERP) and AAA. Dr. Kassem has shared his experience in facial esthetics in peer-reviewed congresses such as the International Master Course on Aging Science (IMCAS) in Paris and 12 international publications.

*Disclosure:* Dr. Islam Kassem has reported no conflicts of interest.

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### Sara Kassem, MSc, PhD

October University for Modern Sciences and Arts, Cairo, Egypt



Dr. Sara Elbanna Kassem is a lecturer of Oral Biology at Modern Sciences and Arts University (MSA), Cairo, Egypt. She received her BSc and MSc degrees from Cairo University (2006 and 2012, respectively) and her PhD from Ain Shams University in Cairo (2018). Moreover, she received her fellowship in laser dentistry from Genoa University (Italy) in collaboration with Misr University for Science and Technology (MUST) (Egypt) in 2015. Dr. Sara Elbanna Kassem started working at MSA University in 2007 as a teacher assistant, where she was teaching the students how to carve a tooth on wax in descriptive dental anatomy labs. She also taught them how to identify any dental tissue microscopically in oral biology labs. She worked as a part-time assistant lecturer at the British University in Egypt (BUE) for two years. Her first publication is entitled "A comparative study of home and in-office bleaching procedures on human enamel color, microhardness and ultrastructure using WhiteSmile bleaching agents." In addition to teaching oral biology, Dr. Sara Elbanna Kassem works as a laser specialist in Tajmeel Polyclinics, Dr. Sherif el Hefnawy Clinic, Dr. Mahmoud Atteya Clinic, Dr. Ahmed Wagdy Clinic, Black & White Dental Clinic, Dental Care Center, and Perfecta Dental Clinic. She worked as a nutritionist at Tajmeel Polyclinics for some years, where she measured the body mass index (BMI) of each patient and prescribed suitable diets for them. She can be contacted at [sbanna@msa.eun.eg](mailto:sbanna@msa.eun.eg), Sara elbanna on Facebook, and Sara banna on LinkedIn.

*Disclosure:* Dr. Sara Elbanna Kassem is in private practice in Cairo, Egypt, and has no other commercial relationships.

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## Sayaka Katagiri, DDS, PhD

Tokyo Medical and Dental University (TMDU),  
Bunkyo-Ku, Tokyo, Japan



Dr. Katagiri received her DDS degree from Tokyo Medical and Dental University (TMDU), Tokyo, Japan, in 2003. She enrolled in the PhD program in the Department of Periodontology, TMDU, in 2004, investigating the relationship between diabetes and periodontal disease. She is a member of the Japanese Society for Laser Dentistry, Japanese Society of Periodontology, and Japanese Society of Conservative Dentistry. Her research interests include periodontal therapy and the effects of lasers on bone tissue. She published a paper about bone healing following Er:YAG laser irradiation as corresponding author.

*Disclosure:* Dr. Katagiri has reported no conflict of interest in this study.

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## Lawrence Kotlow, DDS

Private Practice in Pediatric Dentistry, Albany, New York, USA



Dr. Kotlow is a 1972 graduate of the State University of New York (SUNY) Buffalo Dental School, and completed his pediatric dental residency at the Children's Hospital in Cincinnati, Ohio, between 1972-1974. Since 1974 he has had a private practice in Albany, New York. He became Board Certified in Pediatric Dentistry in 1980, and is a Fellow in the American Board of Pediatric Dentistry. Dr. Kotlow has served as President of the Third District Dental Society of New York State and served on many committees at the State level. He is a member of the American Dental Association, International College of Dentists, New York State Dental Association, as well as a member since 2000 of the Academy of Laser Dentistry (ALD). As a member of the ALD, Dr. Kotlow served on the Board of Directors, achieved Advanced Proficiency in erbium lasers as well as Standard Proficiency in the use of diode, 9300-nm CO<sub>2</sub>, and Nd:YAG lasers, and ALD Mastership status. He was the 2014 recipient of the Leon Goldman Award for Clinical Excellence from the ALD. He helped establish the ALD one-

day pediatric program at the annual session. Dr. Kotlow has lectured to more than 5000 health care professionals on the diagnosis, laser treatment, and postsurgical care of infants. In addition to speaking at Academy meetings, he has lectured on lasers and pediatric dentistry throughout the United States and internationally in Israel, Canada, Taiwan, France, England, Australia, and Italy. He has contributed to textbook chapters on the use and benefits soft tissue lasers, hard tissue lasers, and photobiomodulating lasers in pediatric dentistry in the *Dental Clinics of North America* (2004), *Atlas of Laser Applications in Dentistry*, and *Principles and Practice of Laser Dentistry*. He has had articles published on laser dentistry in the ALD publications *Wavelengths*, *Journal of the Academy of the Academy of Laser Dentistry*, and *Journal of Laser Dentistry*; *European Archives of Pediatric Dentistry*; *Journal of Human Lactation*; *Clinical Lactation*; *Journal of Orthodontics*; *General Dentistry*; *Journal of the Canadian Dental Association*; and many others. He has written two books: *SOS 4 TOTS*, a text on the treatment of lip- and tongue-ties, and an *Atlas of tongue- and lip-ties*. He has been involved in the development and introduction of the isotopic carbon dioxide laser operating at 9300 nm known as Solea, developed and manufactured by Convergent Dental, a United States company.

*Disclosure:* Dr. Kotlow is a trainer on the Solea 9300-nm all-tissue laser for Convergent Dental, and receives honoraria for teaching and lecturing. He has a small initial offering investment in Convergent Dental. He is not receiving any honorarium for this presentation.

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**Dr. Tb. Iman Wahyu Kusumadirja, DDS, PGDip.Impl.,  
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Dr. Kusumadirja received his dental degree from The Faculty of Dentistry, Trisakti University, Jakarta, Indonesia, in 2006. He then completed a Postgraduate Master Program in Finance Management from Satyagama University, Jakarta, in 2007. Next, he graduated from The Faculty of Odonto-Stomatology, Postgraduate Diploma Certification Program in Dental Implantology & Surgery, Phnom Penh University, Phnom Penh, Cambodia, in 2008. In 2016 he graduated from The Faculty of Dentistry, Postgraduate Master Program in Implantologie, Universitätsklinikum Hamburg-Eppendorf (UKE), Hamburg, Germany, and then completed a postgraduate Diploma program in Implant Dentistry in 2019 from the Università Vita-Salute San Raffaele, Milan, Italy. Dr. Kusumadirja also graduated with honors from The Faculty of Dentistry, Postgraduate Master of Science Program in Odontoiatria Conservativa ed Estetica (Conservative & Aesthetic Dentistry) from La Sapienza Università di Roma, Rome, Italy, in 2019, and then graduated with honors from The Faculty of Dentistry, Postgraduate Master of Science Program in Laser Dentistry, from Università Cattolica del Sacro Cuore, Rome, Italy, in 2020. He maintains a private practice in Indonesia and currently serves as chair of the ALD Study Club in Indonesia.

*Disclosure:* Dr. Kusumadirja has reported no conflict of interest.

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**Edward Kusek, DDS**

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Dr. Kusek is a Diplomate of the American Board of Oral Implantology, and an Honored Fellow of American Academy of Implant Dentistry. He has achieved Mastership in the Academy of Laser Dentistry and the Academy of General Dentistry. He is an Adjunct Professor at the University of Nebraska Dental School and University of South Dakota Department of Dental Hygiene. Dr. Kusek is the 2020-2021 President of the Academy of Laser Dentistry.

*Disclosure:* Dr. Kusek lectures for Ultradent Products and receives an honorarium. He consults with laser companies Biolase, Great Plains Technologies, Ultradent, and Convergent Dental, and with Straumann on dental implants.

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**V. Kim Kutsch, DMD**

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Dr. Kutsch received his undergraduate degree from Westminster College in Utah and then completed his DMD at the University of Oregon School of Dentistry in 1979. He is an inventor holding 17 patents in dentistry, author, researcher, product consultant, internationally recognized speaker, award-winning clinician, and is past president of the Academy of Laser Dentistry and the World Congress of Minimally Invasive Dentistry. He also has served on the board of directors for the World Clinical Laser Institute and the American Academy of Cosmetic Dentistry. As an author, Dr. Kutsch has published more than 100 articles and abstracts on minimally invasive dentistry, caries risk assessment, digital radiography, and other technologies in both dental and medical journals and contributed chapters to numerous textbooks. He coauthored *Balance*, a textbook on dental decay with 150,000 copies in print, and just authored the patient workbook on dental caries titled *Why Me?* He also wrote the Rough World novels, a young adult science fiction trilogy. He serves as a reviewer for several journals including the *Journal of the American Dental Association* and *Compendium*. Dr. Kutsch also serves as CEO of Dental Alliance Holdings LLC, manufacturer of the Carifree system; CEO of Dental Safety First Inc., manufacturer of DAX; and Remin Media. As a clinician he is a Graduate, Mentor and Scientific Advisor of Dental Caries at the prestigious Kois Center. Dr. Kutsch maintains a private practice in Albany, Oregon.

*Disclosure:* Dr. Kutsch is CEO of two dental companies, but does not receive any honorarium for these activities. He receives discounts on products.

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## Samuel Low, DDS, MS, MEd

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Dr. Low is Professor Emeritus, University of Florida, College of Dentistry, and an Advisor Member of the Pankey Institute. He is a past president of the American Academy of Periodontology and is a current officer of the Academy of Laser Dentistry. Dr. Low provides periodontists, dentists, and dental hygienists with the tools for successfully managing the periodontal patient. He was selected "Dentist of the Year" by the Florida Dental Association, Distinguished Alumnus by the University of Texas Dental School, and recipient of the Gordon Christensen Lecturer Recognition Award. He is a Past President of the Florida Dental Association and past American Dental Association (ADA) Trustee.

*Disclosure:* Dr. Low has relationships including compensation and equipment with the following: Biolase, Florida Probe, Perioscience, and EMS.

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## Kenneth Luk, BDS, DGD(P(UK)), MGD(CDSHK), MSc (Aachen RWTH)

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Dr. Luk obtained his BDS at the University of Liverpool in 1987. He has incorporated lasers in dentistry since 2002. Furthering his passion in lasers, he obtained his MSc in Lasers in Dentistry at Aachen University, Germany, in 2013. Currently, he is pursuing his PhD research at the University of Hong Kong. He is active in research, publications, and education in laser dentistry.

*Disclosure:* Dr. Luk has reported no conflicts of interest.

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## Camille Luke, RDH, MSDH

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Camille Luke has been practicing dental hygiene since 1992. She is a former clinical lead for Pierce College Dental Hygiene Department in Lakewood, Washington, and adjunct faculty for Eastern Washington University Department of Dental Hygiene, Cheney, Washington. She currently serves as Director of Education and Clinical Development for a regional dental group, and practices clinical hygiene in Tumwater, Washington. She has presented multiple continuing education courses on topics ranging from patient care to personal and professional development. Her recent experience has been mentoring and coaching dental hygienists in multiple practices around Puget Sound. She works with them in-office to develop a comprehensive wellness program in their individual dental hygiene departments, utilizing the diode laser as a standard of care. She also works with several different organizations to provide continuing educational events for dentists and hygienists. Mrs. Luke is an active member of the American Dental Hygienists' Association (ADHA) and is the 2021 Washington State Dental Hygienists' Association (WDHA) President-Elect. She is also a member of the American Academy of Oral Systemic Health, the Academy of Laser Dentistry, and an affiliate member of the Academy of General Dentistry.

*Disclosure:* Mrs. Luke has reported no conflicts of interest.

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## Marta Maciak, DMD, PhD

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Dr. Maciak obtained her Doctor of Dental Medicine degree in 1999 from the Medical University of Bialystok, Poland. Between 2004 and 2009, she completed the Graduated Specialist in Endodontics and Restorative Dentistry program and obtained her PhD in medical sciences (Dermatology) from the same university. She also worked as a teaching assistant in the Department of Conservative Dentistry. Dr. Maciak completed a postgraduate studies program in esthetic medicine in 2019 as well as the International Fellowship of Academy of Laser Dentistry and Professional Diploma in Advanced Laser Dentistry BAIRD (British Academy of Implantology and Restorative Dentistry). She is the chairperson of the Poland Affiliate Study Club of the Academy of Laser Dentistry (ALD), and is an active member ALD, PTSL (Polish Society of Laser Dentistry), and PTE (Polish Endodontics Association). Additionally, she is the author of many publications in peer-reviewed journals. Dr. Maciak has been lecturing and supervising practical training for dentists in Poland and the world in the field of endodontics and esthetic dentistry. She has significant experience in the use of lasers in diagnostics, endodontic treatment, periodontology, surgery and facial esthetic medicine. Dr. Maciak has worked in different practices and currently is the company owner and lecturer of Train You Up and company owner and dentist in the Dental Practice Alfa Dental in Krakow, Poland.

*Disclosure:* Dr. Maciak has not received any fee for this lecture from any company.

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## Robert Miller, MA, DDS, FACD

Robert J. Miller, DDS, Delray Beach, Florida, USA



Dr. Miller received his BA from New York University and MA from Hofstra University, New York, both in biology. He graduated with honors from the New York University College of Dentistry where he received the International College of Dentists Award for clinical excellence. Following graduation, he completed a residency program at Flushing Hospital and Medical Center where he was involved in all phases of dentistry including facial trauma. Dr. Miller is a Board certified Diplomate of the American Board of Oral Implantology/Implant Dentistry and Fellow of the American College of Dentists. He serves as Chairman of the Department of Oral Implantology at the Atlantic Coast Dental Research Clinic in Palm Beach and lectures on the surgical as well as reconstructive aspects of dental implants. He has lectured and published internationally on all phases of oral implantology and is director of The Center for Advanced Aesthetic and Implant Dentistry in Delray Beach, Florida.

*Disclosure:* Dr. Miller has reported no conflicts of interest.

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## Jeanette K. Miranda, RDH, BSDH

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Jeanette Miranda received her associate degree in dental hygiene from Indiana University South Bend (IUSB) and her bachelor's degree in dental hygiene from Minnesota State University Mankato. She has practiced dental hygiene for 40 years in four states and was a clinical hygiene instructor at IUSB. She has attained Standard Proficiency and Fellowship status in the diode laser with the World Clinical Laser Institute; Standard Proficiency, Advanced Proficiency, and Mastership status with the Academy of Laser Dentistry (ALD); and Dental Hygiene Implant Certification through the International Congress of Oral Implantologists. Presently, Jeanette is an ALD Trainer, substitute clinical hygienist, serves the Academy of Laser Dentistry as chair of the Communication Committee, and is a member of the Auxiliary Committee. She is a past-president for the South Dakota Dental Hygienists' Association and lectures on dental lasers.

*Disclosure:* Ms. Miranda has reported no conflicts of interest.

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## Maite Moreno, DDS, MS

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Dr. Moreno completed her dental degree at the Universidad Tecnológica de México (UNITEC) in 1978 and the Universidad Nacional Autónoma de México (UNAM) in 1981, in Mexico City. In 1981 she completed a Master of Science in Denture Prosthodontics at the University of Michigan, Ann Arbor, Michigan. She is trained in cosmetic dentistry, veneers, crown and bridge, implant and restorative dentistry, and complete and removable partial dentures. Dr. Moreno is a member of the Academy of Osseointegration, American College of Prosthodontists, Mexican Dental Association, Colegio de Odontólogos de Tijuana, AC, founder of Colegio de Implantología Bucal de Baja California (CIBBC), and was Scientific Commission Chair for the College 2008-2010, and a founding member of the Mexican Academy of Prosthodontists. Dr. Moreno is a Professor of the Prosthodontic Clinic at the Postgraduate level, Universidad de Guadalajara. She has lectured in Mexico, USA, Canada, and Europe on a variety of topics, including use of the 904-nm laser wavelength. She has published five books in dentistry and presented on the 904-nm laser wavelength for the American College of Prosthodontics in Las Vegas, Nevada, in 2013 and University of Aachen in 2018, and at the International Society for Laser Dentistry (ISLD) meeting on dentinal disinfection with the 904-nm laser; disinfection of bone tissue after dental extraction and before immediate placement of implants, peri-implantitis and necrosis with the 904-nm laser in Singapore in 2017, Rome in 2018, Los Angeles in 2018, and Aachen University in 2018; state of the art and future of laser-assisted gingival mesenchymal stem cells (laGMSC) at ISLD in Plovdiv in 2019; two e-posters on regenerative tissue engineering in bone grafts at the Academy of Osseointegration, Seattle, 2020; Webinar at the Dental Continuing Education Academy, where she presented her original protocol and classification of levels of attention for COVID-19 from Level 0 to 5, where she established the application of the 904-nm laser to photobiomodulate, reduce inflammation, and disinfect the oropharynx, mouth, head and neck structures intercepting SARS-CoV-2.

*Disclosure:* Dr. Moreno has reported no conflicts of interest.

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## Hanaa Nassar, DDS, MSc, PhD

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Dr. Nassar completed her PhD in 2018 from Cairo University. She is a lecturer in the Fixed Prosthodontics Department, Ahram Canadian University, Cairo, Egypt, visiting staff of the University of Dundee, United Kingdom, and maintains a private practice in Cairo, Egypt. She is the director of Restorative and Cosmetic Department in the Arab Society for Continuous Dental Education (ASCDE), a premier continuing education society in Egypt. Dr. Nassar is a member of the American Academy of Cosmetic Dentistry, the American Academy of Implant Dentistry, and the British Society of Restorative Dentistry. She is an active researcher and has been serving as an editorial board member of journals.

*Disclosure:* Dr. Nassar maintains a private practice in Egypt and never had any financial or commercial support. She has reported no conflicts of interest.

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## Rose Nierman, RDH

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Rose Nierman is a trailblazer in cross-coding in dentistry and a leading expert in her field. She is an entrepreneur, educator, and author. Ms. Nierman created one of the first manual, seminar, and software programs dedicated to helping dentists implement medical billing into their practices. Her life's work for 31 years has enabled dental practices to procure medical insurance reimbursement for their patients. Ms. Nierman is a frequent presenter at major dental continuing education conferences, teaching dentists and their teams how to get paid by medical insurance for dental sleep medicine, temporomandibular disorders (TMD), oral surgeries / implants, laser dentistry, and more. In addition, she is the speaker of Nierman Practice Management's renowned course, Cross-Coding: Unlocking the Code to Medical Billing in Dentistry, held 15+ times a year nationwide. Her journey began as a hygienist in a busy dental practice treating TMJ disorders. Rose recognized a way to successfully bill patients' medical insurance, allowing patients to receive

treatments they otherwise would not have been able to obtain. Realizing the potential to help others, she refined and documented her protocols, and in 1988 wrote her first manual "Successful Medical Insurance in Dentistry." During the same year, she founded Nierman Practice Management and began teaching other dental practices how to implement medical billing in their own practice. Her secret revolves around proper communication and documentation – knowing how to communicate with insurance companies and showing medical necessity through thorough narrative reports. Rose developed the first version of DentalWriter™ and CrossCode™ Software, which has since become a leading dental software for implementing dental sleep medicine, TMD, and medical billing. To date, she has authored 5 dental practice management manuals, over 100 articles, educated over 10,000 dental professionals, and continues to lead the cross-coding industry through her advancements in education, technology, and experience.

*Disclosure:* Rose Nierman is the founder and CEO of Nierman Practice Management, which provides the DentalWriter Software, a medical billing service, and CE courses. Material presented does not require the use of any software. DentalWriter is reserved as an option to reduce workload.

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## Yujin Ohsugi, DDS, PhD

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Dr. Ohsugi received a DDS degree from Showa University, Tokyo, Japan, in 2014, and a PhD degree from Tokyo Medical and Dental University (TMDU), Tokyo, Japan, in 2019. He has been a Postdoctoral Researcher at TMDU since 2019. His research interests include biological effects of laser ablation. Dr. Ohsugi is a member of the Japanese Society for Laser Dentistry, Japanese Society of Periodontology, and Japanese Society of Conservative Dentistry. He is a published author on the topic of bone healing following Er:YAG laser irradiation.

*Disclosure:* Dr. Ohsugi has no conflicts of interest related to this study.

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## Giovanni Olivi, MD, DDS

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Dr. Olivi is a native of Rome, Italy, where he graduated cum laude in Medicine and Surgery (MD) and in Dentistry (DDS). In 2002 he achieved the postgraduate diploma in Laser Dentistry from the University of Florence. He achieved laser certification from the International Society for Laser Dentistry (ISLD) (2004), and Advanced Proficiency and Master status from the Academy of Laser Dentistry (ALD) (2006-2009). In 2007 Dr. Olivi received ALD's Leon Goldman Award for Clinical Excellence. He is an active member of the Italian Society of Endodontics (SIE), President of the International Academy of Innovative Dentistry (IAID), and Chair of the ALD Italy Study Club. Dr. Olivi is the scientific coordinator of the Laser Dentistry Master courses at Catholic University of Sacred Heart of Rome. He has authored more than 70 peer-reviewed articles and 4 books on laser dentistry.

*Disclosure:* Dr. Prof. Olivi teaches Endodontics, Restorative Dentistry, and Pediatric Dentistry at the university level in several international universities. He is also teaching for the Laser and Health Academy (LA&HA) (Fotona) and receives a modest honorarium for these activities.

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## Jason Pang, BSc, BDS, MSc

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Dr. Pang completed his Bachelor of Science (BSc) (Biomedical Science) with the University Medal with Honours from the University of Technology, Sydney, Australia; Bachelor of Dental Surgery (BDS) from the University of Sydney; Master in Laser Dentistry from the Laser Aesthetic & Health Academy, Ljubljana, Slovenia; and Master in Laser Dentistry from the Catholic University of the Sacred Heart Rome. Dr. Pang is an international speaker, educator, and author, an Australian Master trainer for Fotona, and Chairman of the Australian and New Zealand study chapter of the Academy of Laser Dentistry (ALD). He practices dentistry in Sydney, Australia.

*Disclosure:* Dr. Pang lectures for Fotona and receives a modest honorarium for these activities. Fotona provided prototype equipment for evaluation.

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## Marina Polonsky, DDS, MSc

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Dr. Polonsky graduated from the University of Toronto, Canada, in 1999, with the Dean's Gold Medal of Achievement, and is a member of Omega Kappa Upsilon Honour Dental Society and Alpha Omega International Dental Fraternity. Since 1999, Dr. Polonsky has maintained a private general practice in Ottawa, Canada, with focus on multidisciplinary treatment utilizing lasers of different wavelengths. She has been the owner of the Alta Vista Laser Dental Centre in Ottawa, Canada since 2006. Dr. Polonsky holds a Mastership with the World Clinical Laser and Imaging (WCLI) Institute, Mastership in diode and erbium lasers from AALZ (Aachen Dental Laser Center), Master of Science in Lasers in Dentistry degree from RWTH University in Aachen, Germany, and Advanced Proficiency Certificate and Mastership with the Academy of Laser Dentistry (ALD). She is a founder of the Canadian Dental Laser Institute (CDLI), an organization dedicated to providing quality continuing education in Laser Dentistry in Canada. CDLI is the only ALD-affiliated international study club in Canada.

Dr. Polonsky is actively involved in the educational aspect of dental laser technology by teaching laser safety courses, diode and erbium certification courses, as well as lecturing worldwide on laser-assisted dentistry. She is a key opinion leader (KOL) and a Clinical Mentor for Biolase Technologies, Inc., and has been involved in the development of the newest all-tissue laser system, Waterlase Express. Dr. Polonsky is the author of multiple scientific papers, reviews and case reports on the use of lasers in dentistry. She serves on the editorial advisory boards for the *Journal of Laser-Assisted Dentistry* (JLAD) and *Lasers in Dental Science* (LIDS) by Springer. Since 2017, Dr. Polonsky has been the Chief Editor of the Laser Dentistry issue of the *Oral Health Journal* and is a member of the Executive Committee of Oral Health.

*Disclosure:* Dr. Polonsky consults for Biolase Technologies, serves as a Trainer, Clinical Mentor, and key opinion leader for Biolase, and is President of ALD-affiliated Canadian Study Club.

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## Kristin Pristavec-Hunter, RDH, BS

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Ms. Hunter began her career in dentistry over 17 years ago and has used lasers since her very first day as a dental hygienist. Seeing the benefit the laser provides to her patients, she now speaks, trains, and does in-office consulting while still working full-time in clinical practice. Kristin has completed her standard and advanced proficiency in lasers from the Academy of Laser Dentistry (ALD). She is a member of the ALD, American Dental Hygienists' Association, and Nevada Dental Hygienists' Association. She has spent a great amount of time volunteering in her community to promote whole-body health and dentistry, and she has also served on mission trips to Mexico with the Flying Doctors of America organization.

*Disclosure:* Ms. Hunter does not have financial interests with any dental manufacturer, and she does not receive commissions for the sale of any equipment. Kristin is the head of Dedicated Dental Hygiene where she receives an honorarium for conducting training. For Dedicated Dental Hygiene's public courses, sponsorship may be provided in the form of food or equipment from some companies such as, but not limited to, Ultradent, Biolase, Young Dental, Waterpik, and LumaDent.

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## Edmond Rexha, DDS, MS

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Dr. Rexha graduated in 2001 from the U.S. Naval Academy in Annapolis, Maryland, earning a Bachelor of Science in Economics and a commission in the United States Navy as an officer. He served as a Surface Warfare Officer for 8 years including deployments in support of Operations ENDURING FREEDOM and IRAQI FREEDOM. After his initial service obligation, he redirected his focus in pursuit of a career in dentistry. Dr. Rexha earned his DDS in 2015 from New York University College of Dentistry. He then completed a General Practice

residency in 2016 at the Naval Medical Center in Portsmouth, Virginia, where he earned "Resident of the Year" honors. As a dental officer on board the USS Abraham Lincoln (CVN 72), he practiced general dentistry while treating over 3000 sailors. In 2020, he completed a 3-year residency at Stony Brook University School of Dental Medicine where he received a certificate in Periodontics and Implant Dentistry as well as a master's degree in Oral Biology and Pathology. He continues to serve the nation's military as a Periodontist at the Naval Health Clinic in Annapolis, Maryland.

Dr. Rexha has been awarded Stony Brook University's Annual Sreebny Award for Research in 2019 and was a 2020 finalist of the American Academy of Periodontology (AAP) Foundation's Dr. and Mrs. Gerald M. Kramer Scholar Award for Excellence. He is actively pursuing his own research interests and continues to be involved in education. His research thus far has focused on laser dentistry and peri-implant defects. Dr. Rexha's goal is to explore various methods of laser treatment while continuing to expand his knowledge and experience with a greater understanding of this innovative technology.

*Disclosure:* Dr. Rexha has reported to conflicts of interest.

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## Gerald Ross, DDS

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Dr. Ross has been practicing General Dentistry with a special interest in lasers and facial pain in Tottenham, Ontario, since 1971. He has been using lasers in his practice since 1992. He has given over 250 hands-on courses, lectures, and workshops on both surgical lasers as well as photobiomodulation (PBM) treatment, both nationally and internationally. He has published 15 articles and has written chapters for 2 textbooks. He also is a peer reviewer for 4 laser journals, is on the editorial board of *Photobiomodulation*, *Photomedicine*, and *Laser Surgery*, and has written 2 guest editorials for this journal. Dr. Ross is a past president of the North American Association for Photobiomodulation Therapy (NAAALT), is a member of the Board of Directors of the Academy of Laser Dentistry (ALD), and currently chairs the Membership Committee and has also served as chair of the Certification Committee. He was the Scientific Chair of the 2019 ALD Annual Conference. Dr. Ross holds Advanced

Certification from ALD and is a member of the ALD Speakers Bureau. In 2016 he was awarded ALD's Leon Goldman Award for Clinical Excellence. An article that Dr. Ross wrote for *Dental Products Report* on treating facial pain with photobiomodulation therapy (PBMT) was just named as one of the top 5 technique articles published in 2020.

*Disclosure:* Dr. Ross is a member of GMA Laser Education which gives PBMT lectures for a fee.

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### Hans Skjorshammer, BSc

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Mr. Skjorshammer has a Bachelor of Science degree in Psychology from Kingston University in London. As an athlete, he has played actively with FC Lyn's Football (Soccer) Teams in Oslo, Norway. He has 7 years of international business experience in Asia, Europe, and North American in the areas of education, athleticism, sales and trading (import/export). He is a cofounder and associate of Oral IQ, LLC, providing premium oral health care products and services for home use to medical professionals and educated consumers.

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### Mary Lynn Smith, RDH

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Mary Lynn Smith brings her knowledge, expertise, and spirit to the everyday practice of dental hygiene as well as sharing with fellow dental professionals. She has spoken on topics such as dental implant care, periodontal therapies, laser-assisted hygiene principles and techniques, and technology in dentistry. She has served on the teaching faculty of ALD Standard Proficiency courses at past conferences. In 2018 she received the ALD Leon Goldman Award which recognizes clinical excellence in laser dentistry. Published works include articles

on aspects of dental hygiene and the co-authored chapter "Laser-Assisted Nonsurgical Periodontal Therapy" in the textbook *Principles and Practice of Laser Dentistry* by Dr. Robert Convisar. Mary Lynn's passion for developing other clinician's skills and inspiring them to work with excellence is evident in her teaching. She currently resides in McPherson, Kansas. She is the owner and CEO of Aspiring Dental Hygiene, LLC.

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Mr. Sulewski serves as the Director of Education and Training for The Institute for Advanced Dental Technologies, and the Director of Education for Millennium Dental Technologies. He is a member of the Academy of Laser Dentistry Awards, Certification, Communications, Conference, Education, Ethics, Laser Safety, and Scientific Sessions Committees. Having been involved in the laser dentistry field since 1989, Mr. Sulewski is a past recipient of the Academy's Distinguished Service Award, has obtained Advanced Proficiency in Nd:YAG and diode lasers as a Laser Safety Officer, and is a University of California Certified Dental Laser Educator. He is a member of the Academy of Laser Dentistry and the American Society for Laser Medicine and Surgery.

*Disclosure:* Mr. Sulewski is Director of Education and Training for the Institute for Advanced Dental Technologies. He also serves as Director of Education for Millennium Dental Technologies as a full-time employee with significant compensation. He has served as a paid consultant for American Dental Technologies; Continuum Biomedical; Convergent Dental; Incisive, LLC; and Millennium Dental Technologies.

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## Grace Sun, DDS, MALD, MAGD, MICOI, FAACD

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Dr. Sun graduated from the University of Southern California in 1981. She maintains a full-time comprehensive cosmetic practice and dental laboratory in Los Angeles. Dr. Sun advocates education, currently holding Master and Educator status with the Academy of Laser Dentistry (ALD), as well as sitting on ALD's Board of Directors. She was the first woman to receive Accredited Fellow status with the American Academy of Cosmetic Dentistry (AACD); she is also a Master of the Academy of General Dentistry and a Master of the International Congress of Oral Implantologists (ICOI). Dr. Sun advocates for airway health and orofacial myofunctional therapy as the method to achieve and maintain a healthy airway.

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## Ana Maria Triliouris, DDS

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Dr. Triliouris graduated from New York University College of Dentistry in 1977. Since that time she has completed numerous continuing education programs at Harvard, Princeton, Boston University, New York University, and others. Lasers became her passion in 1991, the year she became a Charter member of the Academy of Laser Dentistry (ALD). Over the decades she has served on several ALD committees and as a member of the Board, culminating in her service as the 2011-2012 ALD President. She also served as chair of the ALD Dr. Eugene Seidner Student Scholarship Fund for many years. Under her guidance, the Student Scholarship program expanded to include Research Grants. Dr. Triliouris is the current chair of the Dr. Eugene Seidner Board of Trustees. She is an active member of the American Dental Association, Academy of General Dentistry, Dental Society of the State of New York, American Association of Women Dentists, and a Fellow of the Academy of Laser Dentistry. She maintains a private dental practice in Merrick, New York, and is as passionate about lasers as she was over 29 years ago.

*Disclosure:* Dr. Triliouris is in private practice and has no other commercial relationships.

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## Christopher Walinski, DDS

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Dr. Walinski is an Associate Professor in the Department of Dental Medicine at the Touro College of Dental Medicine (TCDM) in Hawthorne, New York. He serves as the Director of Laser Dentistry and is the Laser Safety Officer for TCDM. In addition to his clinical duties, he also lectures and leads lab exercises in the preclinical simulation lab in fixed prosthodontics and esthetic dentistry. Dr. Walinski has served as the Executive Director for the World Clinical Laser Institute since 2010 and is a Fellow of the International College of Dentists and the American Society for Lasers in Medicine and Surgery. Dr. Walinski is a past-president and Diplomate of the World Congress of Minimally Invasive Dentistry.

*Disclosure:* Dr. Walinski is a consultant for Biolase and receives an honorarium when speaking on their behalf.

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## Angie Wallace, RDH

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Angie Wallace has been a clinical hygienist for more than 30 years and has been using lasers for 20+ years. She is a member of the Academy of Laser Dentistry (ALD), where she obtained her Advanced Level Proficiency and Educator Status, and achieved her ALD Recognized Course Provider status in 2007 and Mastership in 2008. Angie currently serves as Chair of the ALD Education Committee, Co-Chair of the Regulatory Affairs Committee, and serves on other committees for the ALD Board of Directors. She was the recipient of the John G. Sulewski Distinguished Service Award from the



Academy of Laser Dentistry in 2014. Angie has been recognized as a worldwide speaker, conducting laser courses and webinars. She also works with several laser manufacturers, making sure that their lasers are great for hygienists, and is an In-Office Laser Consultant, providing laser certification and training courses. She has several articles and chapters published about lasers and has co-authored her own book about laser hygiene. She continues to work 4 days a week in clinical dental hygiene.

*Disclosure:* Ms. Wallace provides laser training and educational consulting through her company Laser Hygiene, LLC. Angie reports modest earnings from tuition for courses. She receives support with lasers for her educational programs from several laser companies. She also speaks for King Dental, Biolase, and Ultradent and receives honoraria.

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