GET CLOSE UP WITH THE 2020 BEST OF CLASS WINNERS

Head to the ADA virtual exhibit hall to check out the winning products — and maybe take one home!

- page A2

CELEBRATING EXCELLENCE IN DENTISTRY

Benco Dental reveals the six deserving winners of the annual Lucy Hobbs Project award.

- page A3

Lady A to headline ADA FDC virtual meeting

The American Dental Association (ADA) and Florida Dental Association (FDA) are pleased to announce the five-time Grammy award-winning trio Lady A will perform at the ADA FDC Virtual Connect Conference, to be held Oct. 15-17. The multi-platinum group will give a virtual concert at 6:15 p.m. CT on Oct. 15 to celebrate the conference opening.

“We’re so excited to have a musical act of this caliber join us for an unprecedented meeting,” said Melanie Love, DDS, ADA FDC work group member. "We really think it will be a special performance for attendees, tying in with our theme of bringing the dental community together while we’re apart and uplifting them during a time of uncertainty."

Over the course of their decade-plus career, Lady A has become one of the 21st century’s premier vocal groups, blending deeply felt emotions with classic country sounds. As a country-radio staple, the trio has amassed success ushering in 10 No. 1 hits with more than 18 million album units and 34 million tracks sold, with nearly 5 billion digital streams. The trio earned the biggest first week streams of their career with their critically acclaimed No. 1 album “OCEAN” that has been touted as “the finest album of the band’s career” (Nashville Scene). Known for their nine-times platinum hit “Need You Now,” which is the highest certified song by a country group, they have earned ACM and CMA “Vocal Group of the Year” trophies three years in a row and countless other honors, including five GRAMMY awards, Billboard Music Awards, People’s Choice Awards, Teen Choice Awards and a Tony Award nod.

(Source: American Dental Association)
Get up close to the 2020 Best of Class winners

By Kristine Colker, Dental Tribune Staff

For the past 11 years, Cellerant Consulting Group has been shining a light on the best new and innovative products in the dental industry with its annual awards, the Cellerant Best of Class Technology Awards.

During that time, dental professionals have gotten a close-up look at the winners every year during the ADA annual meeting. This year is no exception.

Even with the virtual platform of the meeting, many of the 2020 winners will be participating in this year’s ADA FDC Virtual Connect Conference.

The awards, created by Dr. Lou Shuman to recognize innovative products that set a standard of quality in their respective categories, have been acknowledged as something prestigious and coveted among dental manufacturers.

Those participating include: eight-time winner 3Shape, seven-time winner Bien Air, six-time winner Shofu, five-time winner MMG Fusion, two-time winners Aptyrx, Carestream Dental, Simplify and Sleep ArchiTx, and emerging winners GreenMark Biomedical, Dental Smart Mirror, Nobio, DENTULU, YAPI, MouthWatch, Weave and Bravrr.
Protect yourself against aerosols

By Designs for Vision Staff

In today’s world, it is especially important to make sure you have the proper eyewear. To that end, Designs for Vision is offering a variety of new product lines. Design for Vision’s new Aerosol Protection Loupes create a seal around your eyes to protect against aerosols. These loupes are available with 2.5x, 3.0x and 3.5x magnifications and come in two frame styles.

The company is also offering the LoupE-Saver™ Face Shield. The product is made from optical grade plastic and has a flat panel design that reduces optical aberrations.

The shield can be clipped to loupes, with no headband needed, allowing a headlight to be placed inside or outside of your shield.

In addition to these products, Designs for Vision has launched several new product lines in the past months, including the new patented Panoramic Field Loupes (US pat. 8,928,975 B2).

According to the company, the Panoramic Loupes represent the most significant advancement in telescope design in more than 100 years. The viewable areas are twice as large as prismatic expanded-field designed loupes and up to five times greater than Galilean loupes.

Panoramic Field Loupes provide an unprecedented field of view, clarity, definition and color, the company asserts.

Designs for Vision has also introduced the Micro 3.0EF to the award-winning Micro Series Loupes. The Micro 3.0EF has a field of view of 100 mm and weighs less than 70 grams. The Micro Series also includes REALITY 5 Star rated Micro 3.5EF Scopes and Micro 4.5EF Scopes.

These scopes use a revolutionary optical design that reduces the size of the prismatic telescope by 50 percent and reduces the weight by 40 percent while providing an expanded field view of the oral cavity.

If you want the lightest 3.0x magnification, get the new 3.0x Galilean loupes. According to the company, the light-weight Galilean design enables clinicians to step up in magnification while retaining an expansive 70 mm field of view.

Designs for Vision is also introducing patented (US pat. 8,851,709 & RE46,463) hands-free infrared technology with the WireLess IR HDi and the Micro IR HDi headlights. The patented IR feature enables practitioners to operate a headlight without touching the system. The IR headlights use a built-in infrared signal to enable the user to turn the light on or off simply and safely, according to the company. Onboard biometrics sense the position of the headlight to filter out unintended signals while working.

Designs for Vision’s WireLess™ headlights free practitioners from being tethered to a battery pack. The modular designs uncouple the headlights from a specific frame or single pair of loupes.

The compact design of the LED DayLite™ WireLess headlights are independent of any frame/loupes.

You can see the Visible Difference® yourself by visiting Designs for Vision at www.designsforvision.com. The company is taking appointments for virtual meetings, and you can also find information on selecting an N95 mask that accommodates eyewear as well as nose pad adjustments.

Tell us what you think!

Do you have general comments or criticism you would like to share? Is there a particular topic you would like to see written about in Dental Tribune? Let us know by sending an email to k.colker@dental-tribune.com. We look forward to hearing from you!

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Pioneers for progress: Benco Dental’s Lucy Hobbs Project honors 6 women

By Benco Dental Staff

Meet the founder of two institutes and a university bachelor’s program, a front runner of advanced dental surgical techniques, an advocate for the oral care of 28,000 children and counting, the mind behind 100-plus medical devices and technology, an engineer of empowerment, and a unifier of oral health and medicine. They are Lucy Hobbs.

Dr. Lucy Hobbs earned her dental degree in 1866, advancing equality for her gender. She defied nearly a decade of resistance, leading with clinical proficiency and innovative thinking; then she mentored others to do the same. Benco Dental’s Lucy Hobbs Project® annually honors women in dentistry who personify that same spirit.

“Each year I am astounded by the women being considered for this honor. Benco Dental unites women from every sector of the profession through The Lucy Hobbs Project and creates a network that recognizes, fosters and celebrates that excellence,” said Lindsay Pross, events and marketing operations manager.

The six Lucy Hobbs Project Award recipients for 2020 will be featured in the incisal Edge magazine winter issue and invited to participate in the new Driving Dentistry Forward podcast. They are:

• Bella Christensen, PhD, recipient of the Industry Icon award.
• Sarah Khan, DMD, recipient of the Clinical Expertise award.
• Nicole McGrath-Barnes, DDS, Facd, recipient of the Humanitarian award.
• Carolyn Primus, PhD, recipient of the Innovator award.
• Stephanie Goddard, MS, recipient of the Mentor award.
• Lisa Simon, MD, DMD, recipient of the Woman to Watch award.

For more information

To learn more about the recipients of The Lucy Hobbs Project, visit www.thelucyhobbsproject.com. To learn more about Benco Dental, visit the virtual booth during the ADA FDC Virtual Connect Conference.
NEW **Aerosol Protection Loupes**

- Creates Full Orbital Seal around your eyes offering protection from aerosols.
- Secure Adjustable Fit – through adjustable spring hinges and wire core temples.
- Lightweight, Comfortable Silicone Eyecups attach to frame magnetically and are easy to remove for cleaning and disinfecting.
- Available in 2.5x, 3.0x and 3.5x Magnifications and two frame styles.

AND NEW **IR Headlights**

with TOUCH-FREE operation

Eliminate Cross Contamination

Patented Technology 8,450,709 & 8,461,603 5.79.138

SAVE $200 when you order both loupes and headlight

Contact Us to meet in YOUR OFFICE: DesignsForVision.com/InOffice.htm

**Moving Forward, Stronger Together**

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If you haven't yet registered or joined in the fun at the 102nd AAOMS Annual Meeting, you’re in luck. There is no better time than now, with the meeting just heating up.

The 2020 Virtual AAOMS Annual Meeting, running from now through Oct. 10, is taking place online this year because of the COVID-19 pandemic. The meeting combines the educational content of the association’s 102nd Annual Meeting, Scientific Sessions and Exhibition, originally scheduled for this month, and annual Dental Implant Conference, originally scheduled for December, into one.

Organizers promise that the meeting’s live and on-demand educational sessions will provide greater flexibility for attendees to learn about the latest research in the specialty of oral and maxillofacial surgery (OMS). A community-oriented platform is set to foster interaction between attendees and speakers.

Being held in conjunction with the International Association of Oral and Maxillofacial Surgeons, the meeting features several international speakers and focuses on the theme of the “Digital Workforce: Improving Efficiency and Safety for our Patients.” Oral and maxillofacial surgeons, faculty, residents and allied staff are all invited to attend.

Similar to previous in-person AAOMS annual meetings, the educational content is presented in clinical tracks that cover the scope of OMS practice: anesthesia, cosmetic, dentoalveolar, orthognathic, pathology, pediatrics and cleft, reconstruction/nerve, temporomandibular joint and trauma. Sessions are focused on timely topics that will help enhance the OMS practice.

The Dental Implant Program is reviewing enhanced dental implant content with four live sessions, three on-demand sessions and interaction opportunities.

New to the AAOMS Annual Meeting lineup are OMS-guided surgical recordings. Renowned OMSs will share videos of procedures while discussing important pearls and lessons for specific clinical procedures important to the field of oral and maxillofacial surgery. Topics include implants, orthognathic, reconstruction/nerve and cosmetic.

Each Surgical Pearl will include teachings on three specific procedures led by the operating surgeon. Upon conclusion of the presentations, attendees will be able to engage in a question-and-answer period with the speakers.

Attendees can participate live or watch these sessions on-demand for 60 days.

In addition to the educational sessions, a virtual exhibit hall is displaying the most advanced products and services available in the OMS specialty. Attendees are encouraged to visit the exhibit hall during Exhibitor Engagement Hours (visit www.aaoms.org/Meetings-Exhibitions/Annual-Meeting/102nd-Annual-Meeting/Exhibition for exact times). During these hours, exhibitors will be available to chat with attendees and answer questions, provide additional information and build relationships with AAOMS members.

The exhibit hall will be available 24/7 until Dec. 10. Registration is still open to AAOMS members, OMS residents, professional allied staff and non-members, and you can join in at any time.

More information is available at AAOMS.org/AnnualMeeting.

Dr. Anthony Fauci and Jay Leno highlight online President’s Event

Mark your calendars for Oct. 9, and log on to join AAOMS President Dr. Victor L. Nannini for a night of celebration with Dr. Anthony Fauci and Jay Leno, former host of NBC’s “The Tonight Show.”

As director of NIAID since 1984, Fauci has served as a key advisor to six U.S. presidents on AIDS, COVID-19 and other health issues. As a member of the White House Coronavirus Task Force, he has shared guidance with the public on protecting against the virus.

While chief of the NIAID Laboratory of Immunoregulation, Fauci has made significant contributions to research on the origin, development and treatment of immune-mediated and infectious diseases. He is credited with developing effective therapies for previously deadly inflammatory and immune-mediated diseases, such as polyarteritis nodosa, granulomatosis with polyangiitis and lymphomatoid granulomatosis.

His honors include the Presidential Medal of Freedom and National Medal of Science. He has written or edited more than 1,300 scientific publications.

See FAUCI, page B2
In-house 3-D printing allows patients with malignant disease to more quickly receive immediate tooth restoration — treatment that had been regarded as low importance for these patients because of the severity of their disease, a new study found.

The 3-D digital workflow eliminates the wait in providing replacement teeth using the conventional approach and is less costly, according to the study published in the August issue of the Journal of Oral and Maxillofacial Surgery, the official journal of the American Association of Oral and Maxillofacial Surgeons (AAOMS).

For the study, 12 patients underwent virtual surgical planning (VSP) for a procedure called free fibula maxillofacial reconstruction, which replaces bone and soft tissues in the face removed to treat cancer with bone and soft tissue from the patient’s leg. A dental prosthesis was created for each patient to be placed at reconstruction. For five patients, a dental laboratory made the prostheses. For the other patients, a surgeon designed the prostheses and 3-D printed them in-house. Four of the patients who received a prosthesis from the in-house 3-D printing had malignant tumors.

Researchers found time and cost were less for developing the prostheses in-house than using a dental laboratory. Sending production of a prosthesis to dental laboratories leads to delays in the prosthesis being ready to give to the patient soon after cancer surgery, the study notes.

"Such a delay has limited the usefulness of this treatment to benign conditions," researchers wrote. "With point-of-care 3-D printing, we have fabricated a dental prosthesis within 24 hours of the VSP session, eliminating any additional waiting period before surgery." For the in-house printing, the surgeon received digital files immediately after the VSP session. Within a day, the prosthesis was 3-D printed. The in-house prostheses were prepared for surgery one to two weeks before a plate and models from VSP arrived, so treatment was not delayed more than the standard duration for acquiring the plate and models from the vendor, according to the study.

By comparison, the offsite dental laboratory needed an additional two weeks to create the prostheses. On average, the prostheses created at the offsite dental laboratory cost $617 compared to $834 for resin for the in-house 3-D prosthesis, the study notes. However, the researchers cautioned that costs are associated with obtaining a 3-D printer and supplies (less than $3,000).

The small study did not compare prosthesis quality between the two settings. "As point-of-care 3-D printing becomes available to more surgeons, we anticipate this will become a viable solution for many patients," researchers wrote.

For more information
To learn more about 3-D printing, attend the ‘3D Printing and Virtual Surgical Planning in Maxillofacial Surgery – The pitfalls and the pearls’ session, to be held from 10:05 to 11:05 a.m. Thursday, Oct. 8, during the AAOMS virtual conference.

Photo/Julia Freeman-Woolpert, freemages.com

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Periodontist becomes one of the first to use surgical robotics when placing implants

By Neocis Staff

Since 2000, more than 6 million robotic-assisted surgeries have taken place across multiple medical specialties, including cardiovascular, neurology and orthopedics. But surgical robotics have only recently been available to dentists.

Dr. Christopher Bingham of Council Oaks Perio is the first periodontist in Austin, Texas, to be certified to use the Yomi® Surgical Robotics System to place dental implants.

Successfully placing dental implants requires careful pre-operative planning and a high degree of accuracy and precision. Surgical robotic technology helps doctors to achieve these objectives.

Bingham is one of only 50 doctors in the United States who are certified to use the Yomi Robot, which is the first and only FDA-cleared robot-assisted dental surgery system. The Yomi Robot is an assistive surgical technology that offers physical guidance through haptic robotic technology to precisely and accurately place dental implants.

Bingham is always in complete control of the surgery. Yomi provides Bingham computerized navigation to assist in both the planning (pre-operative) and the surgical (intra-operative) phases of dental implantation surgery. Yomi also enables a minimally invasive flapless approach, which has been proven to lead to faster recovery and less pain for the patient, according to the company.

“I chose to become certified in Yomi Dental Robotics because I believe that robotic surgery will become the standard of care in dental implantology just as it has in many other medical specialties. I am excited that Council Oaks Perio is the first dental practice in Austin to place implants using this exciting technology,” Bingham said.

Bingham is the recipient of numerous awards, including the Richard J. Lazzara Implant Fellowship, and he is a diplomate of the American Board of Periodontology. He is a member of American Academy of Periodontology, Academy of Osseointegration, American Dental Association, Texas Dental Association and the Capital Area Dental Society.

Bingham received his bachelor of science degree from Brigham Young University in 1998. He completed his DDS from the University of Illinois in 2005, followed by the completion of a general practice residency at the Rush University Medical Center in 2006. He then practiced as a general dentist for two years before entering Georgia Health Sciences University (formerly Medical College of Georgia) in Augusta, where he earned a certificate in periodontics and a master of science in oral biology in 2011.

For more information
To learn more, visit www.Neocis.com or stop by the virtual booth during the virtual conference.

Neocis, the company behind Yomi and a leader and pioneer in robot-assisted dental implant surgery, announced in July that it received 510(k) clearance from the U.S. Food and Drug Administration (FDA) for a new Yomi edentulous indication. The clearance allows for a new splint attachment that broadens Yomi’s application to include full arch implant cases as well as partially edentulous cases.

It is estimated that more than 36 million Americans are missing all their teeth. The new Yomi edentulous splint will enable doctors to use Yomi’s technology to reach more of this population.

At right, the Yomi Surgical Robotics System is used to place implants. Photo/Provided by Neocis
**Xenograft Bone Graft Material**

**Mineralized Cancellous Xenograft Material**
- 0.25 - 1.0mm Microporous Granules Facilitate Osteoconduction & New Bone Formation
- Space Maintaining Material Supports New Bone Regeneration & Healing
- SalvinOss® Particles Become An Integral Part Of Newly Formed Bone Framework
- Organic Components Removed While Maintaining Characteristics Of Native Bone
- Can Be Mixed With Sterile Saline Or The Patient’s Blood
- Radiopaque

Download Our White Paper At:

**Case Study - Socket Preservation With SalvinOss®**

Case & Photos: Dr. Michele Holzinger

![Pre-Cp](image1)

![Post-Extraction - 4 Months Healing](image2)

![Post-Implant - 3 Months Healing](image3)

“I trust Salvin Regenerative because they help me produce results that are consistent and reliable for my patients. When I re-enter a site grafted with SalvinOss®, I know exactly what to expect because the results are predictable.”

— Dr. Michele Holzinger

Periodontist, Middletown, CT

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