

Celebrating the next generation of dental professionals: Dentsply Sirona and the AADR honor student researchers with the 2021 SCADA Awards

Dentsply Sirona and the American Association for Dental Research (AADR) congratulate the winners of the 2021 Student Competition for Advancing Dental Research and its Application Awards (SCADA) program. Dental students participated in the virtual competition and awards ceremony as part of this year's IADR/AADR/CADR General Session & Exhibition.

Charlotte, August 19, 2021. The 62nd annual SCADA student research competition and awards program was held virtually and provided an opportunity for dental students to present their research to a distinguished panel of judges.

All US dental schools were invited to nominate a student to participate in the research competition in one of two categories – Clinical Science and Public Health Research and Basic and Translational Science. Each student submitted an abstract for review to the 2021 IADR/AADR/CADR General Session & Exhibition. Upon acceptance of the abstract, participants submitted a complete portfolio for review to an international panel of judges, including an electronic copy of his/her research poster, a slide presentation, and a video of the oral presentation. Research projects were submitted by 46 outstanding student clinicians and six award winners were selected. Each of the 46 student clinicians also presented their research virtually to meeting attendees of the General Session & Exhibition.

In addition, Dentsply Sirona sponsored 12 student research competitions in 12 countries, and five of these student winners were honored during the awards program. These students were from Hokkaido University in Japan, Kyung Hee University in South Korea, the University of Hong Kong, Taipei Medical University, and Chiang Mai University in Thailand.

A program dedicated to research and international networking

SCADA was initiated in 1959, and Dentsply Sirona and the American Association for Dental Research have continued this tradition as co-sponsors of this leading dental student research competition. The SCADA program includes a Global and a US Student Clinician Research competition and an annual Awards Program. The competition and award program have gained widespread recognition, and it has engaged more than 10,000 dental students from 28 countries since its inception.

SCADA is dedicated to two main goals. First, the program aims to strengthen the field of dental research by supporting young professionals in early stages of their research careers. Moreover, it offers a unique opportunity for students to network with clinicians and scientists from all

Press Contact

Anna Bruns
Senior Corporate Public Relations
Manager
Fabrikstraße 31
64 625 Bensheim
T +49 6251 16 2293
anna.bruns@dentsplysirona.com

Lydia Penski
Edelman GmbH
Schöneberger Straße 15
D-10693 Berlin
T +49 (0) 30 221829-37
DentsplySirona@edelman.com

Marion Par-Weixlberger
Vice President Public Relations &
Corporate Communications Manager
Sirona Straße 1
5071 Wals bei Salzburg, Austria
T +43 (0) 662 2450-588
marion.par-weixlberger@dentsplysirona.com

About Dentsply Sirona:

Dentsply Sirona is the world's largest manufacturer of professional dental products and technologies, with over a century of innovation and service to the dental industry and patients worldwide. Dentsply Sirona develops, manufactures, and markets a comprehensive solution offering including dental and oral health products as well as other consumable medical devices under a strong portfolio of world class brands. As The Dental Solutions Company™, Dentsply Sirona's products provide innovative, high-quality and effective solutions to advance patient care and deliver better, safer and faster dental care. Dentsply Sirona's global headquarters is located in Charlotte, North Carolina. The company's shares are listed in the United States on NASDAQ under the symbol XRAY.

Visit www.dentsplysirona.com for more information about Dentsply Sirona and its products.

over the world as they develop their skills and advance their careers. While the networking opportunity was curtailed, students interacted virtually and had the opportunity to showcase their work and gain valuable skills as they virtually presented their research.

SCADA advances science and improves global oral health

“Dentsply Sirona’s commitment to innovation and education is part of the company’s DNA. The SCADA program and our collaboration with the American Association for Dental, Oral, and Craniofacial Research provides an opportunity to explore dental research and develop the young professional’s skills related to scientific inquiry, project development, management and presentation to colleagues and peers. Whether embarking on a career in academia or in their own practices, the research experience will benefit these young professionals throughout their professional lives,” said Dr. Teresa A. Dolan, Vice President and Chief Clinical Officer with Dentsply Sirona. “I am so impressed by the level of research demonstrated by this year’s group of SCADA program participants. The diversity and depth of their research was truly inspiring, and their enthusiasm came across clearly, even using a virtual format, as they presented their work.”

Dr. Mark Herzberg, President of the American Association for Dental Research (2020-2021), announced the winners of the student competition. “Today we recognize that, like scientists, intellectually engaged practitioners are going to be the lifeforce of the future of dentistry and oral health care,” commented Dr. Herzberg. He continued to announce the winners in **Category 1, Clinical Science and Public Health Research**. The first place was awarded to Eleni Langas, Marquette University, for her research on Influence of Scanning Speed, Tip Size and Pattern on Intraoral Scan Accuracy. Second place was awarded to Corey Winkler, East Carolina University, for his research on Accelerated Aging Effects on Color Stability of Potentially Color Adjusting Composite Resins. Third place was awarded to Joyce Lee, University of Tennessee, for research on Strength and Stiffness of Three Temporary Crown and Bridge Materials.

In **Category 2 – Basic and Translational Science** – first place was awarded to Alexandra Rogers-DeCotes, Medical University of South Carolina, for her research on The TMJ Fibrocartilage-Bone Interface Requires ADAMTS5 and Mechanical Load. In second place, Kazune Pax, The Ohio State University, was awarded for her research on Sources of the Placental Microbiome in Pre-Term Birth & Pre-Eclampsia. Third place was awarded to James Seung Jin Jang, for his research on Gene Regulatory Mechanisms of Viral Interferon Regulatory Factor 1.

The student participants were grateful for the opportunity to continue with the competition using a virtual format. “This experience taught me so much about the dental research process and how research can have such a positive impact on the delivery of dental care,” said Eleni Langas from Marquette University. And Alexandra Rogers-DeCotes commented

that the program allowed her “an excellent opportunity to share my research and will serve as a steppingstone for my career in academia.”

Additional awards beyond the SCADA competition

The SCADA Board of Directors also announced two fellowship recipients and presented awards recognizing leaders in dental research. SCADA provides fellowship funding to promote continued scholarship and help support graduate education. Two post-doctoral students were awarded Henry M. Thornton SCADA Fellowships: Dr. An Nguyen, University of California, San Francisco and Dr. Deepti Karhade, The Harvard School of Dental Medicine. In collaboration with the American Dental Association, SCADA also awarded ADA Foundation/Dentsply Sirona Research Award for Dual Degree Candidates to Dr. Lauren Katz, University of North Carolina at Chapel Hill.

The SCADA Board of Directors recognizes leaders for their commitment to the advancement of dentistry with two additional awards. Dr. Francesca Gori from the Harvard School of Dental Medicine received the Burton C. Borgelt / SCADA Faculty Advisor Award.

The Alan J. Davis / SCADA Achievement Award recognizing a clinician scientist for outstanding service to the dental profession was awarded to Dr. Martha Somerman. As an internationally known scholar and educator, Dr. Somerman’s research focuses on defining key regulators controlling the development, maintenance, and regeneration of dental, oral, and craniofacial tissues. Somerman was dental dean at the University of Washington and is the immediate past-director of the National Institute of Dental and Craniofacial Research.

More information about SCADA and other awards granted:

<http://www.scadaresearch.org>

The awards program is available for viewing at

https://www.youtube.com/watch?v=RIkzJX80_g4



Overview: 2021 winners of the SCADA Competition and awards

SCADA Competition Winners Category I: Clinical Science and Public Health Research	1 st Prize: Eleni Langas Marquette University 2 nd Prize: Corey Winkler East Carolina University 3 rd Prize: Joyce Lee University of Tennessee
SCADA Competition Winners Category II: Basic and Translational Science Research	1 st Prize: Alexandra Rogers-DeCotes Medical University of South Carolina 2 nd Prize (tie): Kazune Pax The Ohio State University 3 rd Prize: James Seung Jin Jang University of Florida
Henry M. Thornton SCADA Fellowship Award	Dr. An Nguyen University of California, San Francisco Dr. Deepti Karhade The Harvard School of Dental Medicine
Burton C. Borgelt / SCADA Faculty Advisor Award	Dr. Francesca Gori The Harvard School of Dental Medicine
Alan J. Davis / SCADA Achievement Award	Dr. Martha Somerman, Immediate Past Director, National Institute of Dental and Craniofacial Research
ADA Foundation/Dentsply Sirona Research Award for Dual Degree Candidates	Dr. Lauren Katz University of North Carolina at Chapel Hill

IMAGES

are available for [> Download](#) on the website.



Fig. 1: Dr. Teresa A. Dolan, Vice President and Chief Clinical Officer with Dentsply Sirona, "Dentsply Sirona is proud to support a talented next generation of dental leaders at the beginning of their careers. The competition entries never fail to impress me with their high level of research and the students' professionalism."



Fig 2: Winners of the SCADA US student research competition: Top row (left to right) in the Clinical Research and Public Health category is first place winner Eleni Langas, second place Corey Winkler and third place Joyce Lee. Bottom row (left to right) in the Basic and Translational Science Research category, is the first place winner Alexandra Rogers-DeCotes, second place Kazune Pax, and third place James Seung Jin Jang.



Fig. 3: SCADA-Logo



Fig. 4: Dental students participated in the virtual competition and awards ceremony as part of this year's IADR/AADR/CADR General Session & Exhibition.



Fig. 5: Dr. Mark Herzberg, President of the American Association for Dental Research (2020-2021), announced the winners of the student competition. "Today we recognize that, like scientists, intellectually engaged practitioners are going to be the life force of the future of dentistry and oral health care".

