2020 ADEA Commission on Change and Innovation in Dental Education (ADEA CCI) Liaisons Summer Meeting
June 9–11, 2020
Minneapolis, MN

Future Ready Now!

Preliminary Agenda (2-18-20)

Overview

The future is here. Are you future ready? Artificial intelligence and digital dentistry are upending traditional dental procedures. Machine learning and natural language processing is resulting in virtual assistants that allow dental providers to voice-command specific radiographs to view, identify decay, complete a thorough diagnosis and design a treatment plan. Augmented and virtual reality promises to improve health outcomes in addition to the dentist-person experience. Robotics and dynamic navigation are now part of daily practices for dental implant placement. What will the future dentist need to know? What will the dental school of the future look like? How will the dental curriculum need to adapt so today’s graduates can practice successfully in 2040?

Join us for the 2020 ADEA Commission on Change and Innovation (ADEA CCI) in Dental Education Summer Meeting as we preview and interact with the future now, explore the critical data dental education will need to fulfill the promise of data-driven dentistry, and collaborate with other dental educators to determine education models that support the future of dental education with the first ADEA CCI 2.0 Hackathon!

The future is here—are you future ready?

Meeting Learning Objectives

- Explore cutting-edge technologies upending traditional health care models.
- Describe the impact data-driven health care will have on the dental profession.
- Discuss value-based health care outcomes and their relationship to person-centered care.
- Identify how social determinants of health play a critical role in artificial intelligence (AI) and outcomes-based care.
- Construct future models for the dental school environment using a validated educational “Logic Model” approach.

adea.org/ccci2020

#cci2020
Tuesday, June 9

7:00 a.m. – 3:00 p.m.  Registration and Information

7:00 – 8:00 a.m.  Networking Breakfast

8:00 – 8:15 a.m.  Welcome
Ryan Quock, D.D.S.
Chair of the ADEA Board of Directors

8:15 – 9:00 a.m.  Future Readiness
Ryan Quock, D.D.S.
Anthony Palatta, D.D.S., Ed.D.
ADEA Chief Learning Officer

Session description to come.

9:00 a.m. – noon  Destination: Disruption

AI, robotics, augmented/virtual reality interactive session.

This is your opportunity to have hands-on interaction with cutting-edge
technologies that promise to transform health care.

Demonstration descriptions to come.

Noon – 1:00 p.m.  Networking Lunch

1:00 – 2:30 p.m.  The Changing Value of Oral Health

Sean G. Boynes, D.M.D., M.S.
Vice President, Health Improvement; DentaQuest Partnership for Oral
Health Advancement

Tamanna Tiwari, B.D.S., M.D.S., M.P.H.
Assistant Professor, Department of Community Dentistry and Population
Health, University of Colorado School of Dental Medicine

Shifting priorities and a changing financial landscape in the health care
marketplace is forcing health systems and organizations to re-evaluate
care delivery and payment. As benefit companies and care organization
are aligning care systems to more directly reflect person-centered care,
social determinants of health will begin to emerge as the critical data and
drivers necessary to improve health outcomes. This presentation will
highlight the role of a person in health care as a co-designer of health
and the shift of services to optimize well-being instead of a continuum of
disease stabilization. The presentation will also highlight how dental
education can embrace this new paradigm in training the future dental workforce.

Learning Objectives
- Discuss opportunities person-centered care models can provide for oral health care.
- Understand how innovative providers and systems are implementing person-centered care practices into day-to-day operations.
- Discuss challenges and facilitators that impact the development and implementation of person-centered care.
- Understand the value of social determinants of health as a driver for improved health outcomes.

2:30 – 2:45 p.m. Networking Break

2:45 – 3:30 p.m. Data Scientists’ View
Speaker(s) and session description to come.

3:30 – 4:30 p.m. Hackathon Prep/Return to Disruption
Overview of the Logic Model/Proposed Hackathon Topics

Irina Dragan, D.D.S., D.M.D., M.S.
Tufts University School of Dental Medicine

4:30 p.m. Dinner on Your Own—Enjoy the Twin Cities!

Wednesday, June 10

7:00 a.m. – 3:00 p.m. Registration and Information

7:30 – 8:30 a.m. Connecting With Colleagues Breakfast

8:30 a.m. – noon Hackathon Session I
Using the Hackathon framework, this collaborative event focuses on finding solutions that will guide the future of dental education. Participants will be divided into teams and each team will find solutions to a specific topic. To guide the conversation, participants are encouraged to use the logic model, but are encouraged to think outside of the box. At the end of the session, each team will present their ideas to a team of judges, as well as the other the meeting participants.

Pending topic teams:
- Future-ready Dental School Applicant Pool
- Future-ready Dental School Graduate
- Future-ready Dental School Faculty Body
- Future-ready Dental School Curriculum
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Noon – 1:00 p.m.  Networking Lunch
1:00 – 4:00 p.m.  Hackathon Session II
4:00 – 5:00 p.m.  Celebrate ADEA CCI Reception!
5:00 p.m.        Dinner on Your Own—Enjoy the Twin Cities!

Thursday, June 11
7:00 – 8:00 a.m. Networking Breakfast
8:00 – 10:30 a.m. Hackathon Presentations and Outcomes
10:30 – 11:00 a.m. Closing Remarks and Summary of Discussions

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The American Dental Education Association designates this activity for 16 continuing education credits.

All speakers agree that neither they nor members of their immediate family have any financial relationships with commercial entities that may be relevant to their presentation.
ACKNOWLEDGEMENTS

ADEA would like to thank the following members for their generous contributions to this meeting:

Our Technology Curators:

Assistant Professor at the Division of Medicine, Department of Comprehensive Care, and Assistant Professor at Department of Pediatric Dentistry
Tufts University School of Dental Medicine

**Hubert K. Chan, D.D.S.**
Associate Dean for Integration of Technology, Curriculum, and Learning Environments, Associate Professor
Western University of Health Sciences College of Dental Medicine

Our Planning Committee:

**Michael D. Wolcott, Pharm.D., Ph.D., BCIDPS**
Director of Educational Resources and Scholarship
University of North Carolina at Chapel Hill Adams School of Dentistry.

**Ryan Quock, D.D.S.**
Chair, ADEA Board of Directors
Associate Professor
University of Texas School of Dentistry at Houston

And a special thanks to **Susan M. Ferrante**, ADEA Board Director for the Corporate Council, for her thoughtful guidance.