



2016

ADEA ANNUAL SESSION & EXHIBITION

Shaping Tomorrow, Together

MARCH 12-15 | DENVER, CO

PROGRAM

In conjunction with the Association of
Canadian Faculties of Dentistry/L'Association
des facultés dentaires du Canada

 #ADEA2016

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For more information on educational sessions, please refer to the online planner, or download the 2016 ADEA mobile app from the App Store or Google Play.

Program Key

CCC	Colorado Convention Center	AD	Allied Dental
HY	Hyatt Regency Denver	(E)	Educational Research
TICKET	Ticketed Event	(N)	New Programs
SoTL	ADEA Scholarship of Teaching and Learning (SoTL)	(W)	Works in Progress
CCI	ADEA Commission on Change and Innovation in Dental Education (ADEA CCI)	(A)	2015 ADEAGies/AADR Fellows
LIAA	ADEA Leadership Institute Alumni Association (ADEA LIAA)		ADEA Corporate Council members
SL	Student-led		New Exhibitor

WELCOME

Welcome From the Chair of the ADEA Board of Directors



On behalf of the American Dental Education Association (ADEA) Board of Directors, welcome to Denver for the 2016 ADEA Annual Session & Exhibition. Thank you for joining us for this unique opportunity to learn, educate and network with the dental education community.

We developed this year's theme—Shaping Tomorrow, Together—over a year ago. Changes are happening at an incredibly fast pace in dental and higher education as well as in the larger health care arena. We believe the dental profession must evolve and manage these changes together, both inter- and intraprofessionally, to be successful. In other words, this year's annual session theme encourages us to leverage the opportunities of this new world and work together to navigate it.

To that end, we present to you a full array of excellent educational programming. Our plenary sessions feature experts whose experiences inspire us. In the opening plenary on Sunday, Alison Levine, a world-renowned adventurer who served as the team captain for the first American Women's

Everest Expedition, will spark insightful conversation on high-impact leadership and share lessons she learned while navigating unpredictable extreme environments. With 2016 a presidential election year, regardless of the outcome our country will change. The Political Spotlight will provide twice the political analysis in a "debate" format with former presidential candidate and Governor Howard Dean and political insider Michael Gerson. And at our closing plenary, renowned technology entrepreneur and author Josh Linkner will offer fascinating insight on the risks companies face when they rely on the past to determine the future, as well as valuable tools and techniques for fostering innovation, creativity and disruption within one's organization.

This Annual Session will energize us, provide new avenues of thought and approaches to education and research, and open doors professionally and personally. We will also honor significant achievements among our colleagues during various awards presentations and at the William J. Gies Awards for Vision, Innovation and Achievement.

As we convene for our annual gathering, we commit to working together as a profession to embrace the changes happening around us while instilling in our students a passion for dentistry and caring for patients. I look forward to seeing what we will accomplish as we shape tomorrow, together.

A handwritten signature in black ink, reading "Huw F. Thomas". The signature is fluid and cursive, with a long horizontal line extending from the bottom of the name.

Huw F. Thomas, B.D.S., M.S., Ph.D.
Chair of the ADEA Board of Directors



Dear ADEA Members and Friends:



On behalf of the ADEA Annual Session Program Committee, I am

honored to join Huw Thomas, Chair of the ADEA Board of Directors, in welcoming you to the 2016 ADEA Annual Session & Exhibition.

With this year's theme focused on "Shaping Tomorrow, Together," the

information that follows in this program book will give you a sense of the wonderful scope and variety of this year's ADEA educational programming. While it is always difficult to choose among the vast selection of sessions, events, member forums and speakers, we hope this Annual Session & Exhibition will make 2016 informative and enjoyable.

The educational session programming shares immediate relevance to dental education and research, health professions and patient care while challenging all of us to work together to break new ground in the changing health care environment.

Exhibit Hall dates are Sunday and Monday, March 13–14, with dedicated hours on both days. Programming is limited during those times so you can take advantage of the Exhibit Hall offerings,

including a "Recharge" area to take a break and recharge your electronics (and yourself!), a dedicated coffee break and lunches for attendees and exhibitors, and a raffle on both days. Please be sure to visit the more than 70 exhibitor booths (including the ADEA booth) and the ADEA TechExpo and poster presentations by both faculty and students. The popular 20-minute New Idea Sessions will be going on during Exhibit Hall hours, providing even more opportunities for learning. These opportunities are but a few of the many that are available to you. To those of you who are presenters, thank you. Your willingness to share what you have discovered with your colleagues allows us all to grow as dental educators.

The 2016 ADEA Annual Session & Exhibition will end with the closing of the ADEA House of Delegates at 4:30 p.m. on Tuesday, March 15.

I know that you will enjoy your time in Denver and the ADEA Annual Session Program Committee looks forward to welcoming you. I also encourage you to find the time to attend governance activities such as the meetings of ADEA Councils and the ADEA House of Delegates. I hope this year's ADEA Annual Session & Exhibition will help you stay connected with your peers and provide you with new information to help prepare your students to actively shape the future of dentistry and its role in the broader health care arena.

Denice C.L. Stewart, D.D.S., M.H.S.A.

**Chair of the ADEA Annual Session
Program Committee**

WELCOME



MICHAEL B. HANCOCK
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Dear American Dental Education Association Attendees,

Welcome to the Mile High City! Denver is honored to host the 2016 ADEA Annual Session & Exhibition.

We invite you to explore our city and experience all that it has to offer. From seven pro sports teams to the nation's second largest performing arts complex and the mile-long 16th Street Mall to our many museums and cultural facilities, Denver is filled with attractions to entertain you.

Our many neighborhoods like Cherry Creek, Highlands, LoDo, Uptown, Five Points, Golden Triangle and Old South Pearl are filled with outstanding restaurants and one-of-a-kind shops, while after dark, Denver is a center for live music. Whether you visit one of our parks like Red Rocks Park and Amphitheatre or borrow a B-cycle and take a bike ride on our 850 miles of off-street bike paths, you'll find that Denver has 300 days of bright sunshine a year.

At an elevation of 5,280 feet above sea level, Denver is truly a mile high... and climbing. Have a wonderful conference and enjoy your stay!

Sincerely,

A handwritten signature in black ink, appearing to read "Michael B. Hancock", followed by a long horizontal flourish.

Michael B. Hancock
Mayor

THE BOARD



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THANKS

Acknowledgements

The American Dental Education Association (ADEA) deeply appreciates the tremendous work and leadership of the ADEA Annual Session Program Committee (ASPC) and thanks the committee members for their service.

The 2015 – 16 ADEA ASPC consists of the following members:

Dr. Denise C.L. Stewart, Chair of the ADEA ASPC, Oregon Health & Science University School of Dentistry; Dr. Pamela J. Hughes, Oregon Health & Science University School of Dentistry; Dr. Huw F. Thomas, Tufts University School of Dental Medicine; Dr. Cecile A. Feldman, Rutgers, The State University of New Jersey, School of Dental Medicine; Dr. Linda C. Niessen, Nova Southeastern University College of Dental Medicine; Ms. Samantha Kelly, University at Buffalo School of Dental Medicine; Dr. Cherae M. Farmer-Dixon, Meharry Medical College School of Dentistry; Dr. Vickie Kimbrough, Southwestern College; Dr. Keith A. Mays, University of Minnesota School of Dentistry; Dr. David W. Paquette, East Carolina University School of Dental Medicine; Dr. Michael R. Ragan, Fortress Insurance Company; Dr. Harinder S. Sandhu, Western University Schulich School of Medicine and Dentistry; Dr. Paul L. Trombly, Tufts University School of Dental Medicine.

ADEA thanks the many individuals who contributed to planning and supporting the activities of the 2016 ADEA Annual Session & Exhibition. We would like to acknowledge Dr. Maureen McAndrew, New York University College of Dentistry, coordinator of the educational research poster presentation abstract review process, and Dr. Heiko Spallek, University of Pittsburgh School of Dental Medicine And Dr. Gary Guest, University of Texas Health Science Center at San Antonio School of Dentistry, coordinators of the ADEA TechExpo.

The ASPC also thanks the following people who assisted in peer review of submissions for the 2016 ADEA Annual Session & Exhibition, the ADEA Poster Presentations and the ADEA TechExpo. We thank them for their efforts to create educational programming that meets the needs of ADEA members and the entire dental education community.

ADEA and the ASPC welcome peer reviewers to assist in providing robust and relevant content. Serving as a reviewer provides valuable insight into how the proposal process functions and allows reviewers to develop an understanding of what defines a successful proposal. In addition, reviewers are exposed to the latest and best ideas emerging in dental education. The Call for Reviewers for the 2017 ADEA Annual Session & Exhibition opens March 11, 2016, on adea.org.

Reviewers for the 2016 ADEA Annual Session & Exhibition include:

Dr. Maricelle Abayon, Eastman Institute for Oral Health; Dr. Roland Adams, University of Mississippi Medical Center School of Dentistry; Mrs. Nina Anderson, Harvard School of Dental Medicine; Dr. Sheetal Asher, Harvard School of Dental Medicine; Dr. Mary Baechle, Virginia Commonwealth University School of Dentistry; Dr. Richard Ballard, Louisiana State University Health New Orleans School of Dentistry; Ms. Sam Boyce, East Carolina University School of Dental Medicine; Dr. Michelle Brady, University of the Pacific, Arthur A. Dugoni School of Dentistry; Dr. Phil Buchanan, University of the Pacific, Arthur A. Dugoni School of Dentistry; Professor Kristin Calley, Idaho State University; Dr. Emil Chuck, Case Western Reserve University School of Dental Medicine; Ms. Wanda Cloet, Central Community College; Dr. David Cohen, Missouri School of Dentistry & Oral Health; Professor Sandra D'Amato-Palumbo, University of New Haven; Dr. Susan Daniel, Old Dominion University; Dr. Joan Davis, Southern Illinois University Carbondale; Dr. Amy Dawson, Université Laval Faculté de Médecine Dentaire; Dr. Evelyn Donate-Bartfield, Marquette University School of Dentistry; Dr. Donna Eastabrooks, Eastern Washington University; Dr. Sridhar Eswaran, University of Texas School of Dentistry at Houston; Dr. Gilda Ferguson, Midwestern University College of Dental Medicine-Arizona; Dr. Monica Fernandez, University of Florida College of Dentistry; Dr. Katherine France, University of Pennsylvania School of Dental Medicine; Dr. Lynn Friesen, University of Missouri - Kansas City School of Dentistry; Dr. Manju Gerber, New York University College of Dentistry; Dr. Lindsey Hamil, Medical University of South Carolina James B. Edwards College of Dental Medicine; Dr. Boram Han, U.S. Army Dental Corps; Dr. Joyce Hudson, Ivy Tech Community College; Dr. Jean Iannadrea, Case Western Reserve University School of Dental Medicine; Dr. Parvati Iyer,

University of the Pacific, Arthur A. Dugoni School of Dentistry; Dr. Yasas Jayaratne, University of Connecticut School of Dental Medicine; Dr. Natalie Jeong, Tufts University School of Dental Medicine; Dr. Anita Joy, Southern Illinois University School of Dental Medicine; Dr. Vijay Kale, Roseman University of Health Sciences College of Dental Medicine – South Jordan, Utah; Dr. Nahid Kashani, University of Detroit Mercy School of Dentistry; Dr. Raghbir Kaur, Mt. Sinai Hospital and Medical Center; Dr. Nicole Kimmes, Oregon Health & Science University School of Dentistry; Dr. Penprapa Klinkhachorn, West Virginia University School of Dentistry; Dr. So Ran Kwon, The University of Iowa College of Dentistry & Dental Clinics; Dr. Michael Landers, Case Western Reserve University School of Dental Medicine; Dr. Petal Leuwaisee, Hostos Community College; Dr. Tracy Lubinsky, Fortis Colleges & Institutes; Professor Diana Macri, Hostos Community College; Dr. Linda May, East Carolina University School of Dental Medicine; Dr. Melanie Mayberry, University of Detroit Mercy School of Dentistry; Dr. Richard McCabe, East Carolina University School of Dental Medicine; Professor Frances McConaughy, Weber State University; Dr. Dalia Meisha, Edward Via College of Osteopathic Medicine; Dr. Denise Mills, Midwestern University College of Dental Medicine-Arizona; Dr. Aseel Murad, Midwestern University College of Dental Medicine-Arizona; Dr. Christine Nadeau, Université Laval Faculté de Médecine Dentaire; Dr. Hiroe Ohyama, Harvard School of Dental Medicine; Dr. Kimberly Patterson, Louisiana State University Health New Orleans School of Dentistry; Dr. Jeffrey Perry, Midwestern University College of Dental Medicine-Arizona; Dr. Hugh Pierpont, University of Texas School of Dentistry at Houston; Jennifer Quist, Lake Erie College of Osteopathic Medicine School of Dental Medicine; Dr. Elizabeth Ramos, Indiana University School of Dentistry; Dr. George Raymond, New York University College of Dentistry; Dr. Daniel Reed, The Ohio State University College of Dentistry; Prof. Amanda Richardson, University of Louisiana at Monroe; Dr. Yun Saksena, Tufts University School of Dental Medicine; Dr. Sd Shanti, Arizona School of Dentistry & Oral Health; Dr. Lauri Staretz, University of Nevada, Las Vegas, School of Dental Medicine; Dr. Toan Foeng (Bill) Tham, University of Nevada, Las Vegas, School of Dental Medicine; Dr. Nagaswami Vasan, Cooper Medical School of Rowan University; Dr. Analia Veitz-Keenan, New York University College of Dentistry; Dr. Geraldine Weinstein, University of Florida College of Dentistry; Dr. Linda Wells,

University of Missouri - Kansas City School of Dentistry; Dr. Michelle Wheeler, University of Detroit Mercy School of Dentistry; Dr. Austin Willcox, U.S. Navy; Dr. Ying Wong, New York University College of Dentistry; Ms. Helen Yang, Harvard School of Dental Medicine; Dr. Nathan Yang, University of the Pacific, Arthur A. Dugoni School of Dentistry; Professor Meixun Zheng, University of the Pacific, Arthur A. Dugoni School of Dentistry.

Thanks also to:

2016 ADEA SoTLfest Planning Committee

ADEA Council of Faculties Administrative Board

ADEA Leadership Institute Alumni Association

ADEA Commission on Change and Innovation in Dental Education Oversight Committee and Liaisons

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PLENARY SPEAKERS

TICKET March 12, 6:30 – 8:30 p.m., I-227

Evening Plenary on Gender Issues: Discourse and Dessert

HY-Centennial E-H. See page 25.



Brenda J. Allen, Ph.D., is a Professor of Communication and Vice Chancellor for Diversity and Inclusion at the University of Colorado Anschutz Medical Campus in Denver. Her scholarship focuses on organizational communication, diversity and power dynamics. Among her

numerous publications is a groundbreaking book entitled *Difference Matters: Communicating Social Identity* (2011, Waveland Press). Dr. Allen provides consultations, presentations and workshops on topics such as unconscious bias, inclusive workplaces, privilege and culturally responsive teaching/training. She has received numerous awards and accolades, including the Francine Merritt Award for Outstanding Contributions to the Lives of Women in Communication from the National Communication Association.

March 13, 8:30 – 10:00 a.m., I-228

Opening Plenary—On the Edge: The Art of High-Impact Leadership

Sponsored by the ADEA Corporate Council

CCC-Mile High 2,3,4. See page 26.



Alison Levine, a world-renowned adventurer, shares lessons learned from various extreme environments—ranging from Mt. Everest to the South Pole—and explains how those lessons can apply to business and beyond. Her advice is flat-out contrarian and flies in the face of what

you have been told by well-known management gurus and highly paid executive coaches: encourage big egos, go backward—away from your goal, ignore the rules, ditch the plan, deprive yourself of sleep and reward failure. She provides a road map to help you scale whatever big peaks you aspire to climb by offering practical, humorous and often unorthodox advice about how to reach your potential. Ms. Levine taught for four years at the United States Military Academy at West Point in the

Department of Behavioral Sciences and Leadership. She is an advisor to the Thayer Leader Development Group at West Point and is on the board of the Coach K Center on Leadership and Ethics at Duke University. She has an M.B.A. from Duke University and worked for Goldman Sachs. She is the founder of the Climb High Foundation, which trains jobless women in western Uganda to work as trekking guides in the Rwenzori Mountains. Her best-selling book, *On the Edge: Leadership Lessons from Mount Everest and Other Extreme Environments*, will be available for purchase immediately after the plenary session. Ms. Levine will also be available for a limited time to sign books.

March 14, 8:30 – 9:45 a.m., I-247

Political Spotlight—Double Perspective: Howard Dean and Michael Gerson

CCC-Mile High 2,3,4. See page 40.

With 2016 a presidential election year, the Political Spotlight at this ADEA Annual Session & Exhibition will provide twice the political analysis in a point-counterpoint format with Howard Dean and Michael Gerson.



Howard Dean's campaign for the U.S. Presidency and subsequent four years as Chairman of the Democratic National Committee (DNC) have provided him with an insider's view and a reformer's commitment to the economy, foreign trade policy and international relations. His

12 years as Governor and his Chairmanship of the National Governor's Association have given him a vast knowledge of domestic issues. His skillful stewardship as DNC Chair began in 2005 and continued through the inauguration of President Barack Obama. Former Gov. Dean currently serves on the Board of the National Democratic Institute, a democracy-building organization chaired by former Secretary of State Madeline Albright. Drawing on his extensive experience in politics and health care, he helps groups and businesses plan for the future. His presentation brings the current debates into focus and offers a closer look at the impact the economy, budget deficit, health care and the future of Social Security and Medicare are having on the country, and what to expect from the next four years. He also serves as Senior Strategic Advisor and Independent



Consultant for Dentons US LLP, where he focuses on health care and energy issues. He is a frequent contributor to MSNBC.



Michael Gerson is a nationally syndicated columnist who appears twice weekly in the *Washington Post* and in nearly 100 other newspapers. He is the author of *Heroic Conservatism* (HarperOne, 2007) and co-author of *City of Man: Religion and Politics in a New Era* (Moody, 2010). He

appears regularly on the *PBS NewsHour*, *Face the Nation* and other programs. Mr. Gerson serves as Senior Advisor at ONE, a bipartisan organization dedicated to the fight against extreme poverty and preventable diseases. Until 2006, he was a top aide to President George W. Bush as Assistant to the President for Policy and Strategic Planning. Prior to that appointment, he served in the White House as Deputy Assistant to the President and Director of Presidential Speechwriting and Assistant to the President for Speechwriting and Policy Advisor.

March 15, 10:00 – 11:15 a.m., I-278

Closing Plenary—Executing Imagination: Turning Raw Ideas into Powerful Results

Sponsored by DENTSPLY International, Inc.

CCC-Mile High 2,3,4. See page 55.



With a career spent harnessing the spirit of creative disruption, renowned technology entrepreneur and bestselling author **Josh Linkner** is an authority on fostering creativity, entrepreneurship and disruptive innovation. Mr. Linkner started his career as a jazz guitarist, prior to founding and serving as

CEO of four technology companies, which sold for a combined value of over \$200 million. Now an avid venture capitalist and mentor, he has invested in more than 100 startups as a founding partner of Detroit Venture Partners. He is a two-time recipient of the Ernst & Young Entrepreneur of the Year and has also been honored with the President Barack Obama Champion of Change Award. Mr. Linkner offers fascinating insight on the risks that companies face when they rely on the past to determine the future, as well as valuable tools and techniques for fostering innovation, creativity and disruption within one's organization. His book, *The Road to Reinvention: How to Drive Disruption and Accelerate Transformation*, will be available for purchase immediately after the plenary session. Mr. Linkner will also be available for a limited time to sign books.

CHAIR OF THE BOARD

MARCH 13

2:00 – 3:30 p.m.

AV-003 ADEA Chair of the Board of Directors Symposium—Cultural Consideration in Health Care Practice

CCC-Room Mile High 1A-D

Presenter(s): Ezinne Ogbureke, B.D.S., D.M.D.; Nicole Holland, D.D.S., M.S.; Kalu U.E. Ogbureke, B.D.S., M.Sc., D.M.Sc., J.D.; Cleverick D. Johnson, M.S., D.D.S. | *University of Texas School of Dentistry at Houston*

Changing U.S. demographics, a competitive health care market, and federal/state discrimination laws necessitate cultural considerations for efficient delivery of care. Language, culture and literacy are key factors influencing health care delivery. Although health care providers are not expected to be experts in cultures norms to be effective in delivering quality health care, anticipation and sensitivity to the possibility of potential cultural and linguistic norms of patients will improve the health literacy of increasing culturally diverse communities, avoid misunderstandings and guide providers toward more personalized patient care. This symposium addresses how knowledge of some pertinent cultural peculiarities/norms may foster better dental care in multicultural settings.

CE Credits: 1.5, 90 Minute Workshop

4:00 – 5:30 p.m.

I-013 ADEA Chair of the Board of Directors Symposium—This is What Change Looks Like **CCC-Room Mile High 1A-D**

Presenter(s): Nadeem Karimbux, D.M.D., M.M.Sc. | *Tufts University School of Dental Medicine*; Karl Haden, Ph.D. | *AAL*; Ken Kalkwarf, D.D.S., M.S. | *University of Texas Health Science Center at San Antonio School of Dentistry*; Denise Kassebaum, D.D.S., M.S. | *University of Colorado School of Dental Medicine*; Karen Novak, D.D.S., M.S., Ph.D. | *University of Texas School of Dentistry at Houston*

During this interactive symposium, participants will hear from founding ADEA Commission on Change and Innovation (ADEA CCI) in Dental Education members who share recollections of what academic dentistry looked like pre-2005 and reflect upon the impact of the changes they helped foster. Following this group, participants will hear from ADEA members on the newly reformed ADEA CCI, also known as the Commission. The Commission will discuss current forces that impact health care and the changes necessary in dental education to prepare future dental practitioners for a rapidly evolving yet ambiguous environment. Participants will discuss the changes they believe need to happen in an effort to bring some consensus to how dental education can ensure a progressive future.

CE Credits: 1.5, 90 Minute Workshop

MARCH 14

10:30 a.m. – noon

TLCD-1003 ADEA Chair of the Board of Directors Symposium—Dental Student Stress: Causes, Costs and Strategies to Promote Resilience **CCC-Mile High 1A-D**

Presenter(s): Ellen Patterson, M.D.; Christina Pastan, D.M.D. | *Tufts University School of Dental Medicine*

Research shows that dental professionals often experience high levels of stress during training and beyond. In response, there has been growing interest in dental school-based wellness initiatives. But what do we really know about how to support healthy behaviors and foster emotional resilience in dental school? To address these questions, the presenters will summarize the literature on dental student stress and its consequences and will provide examples of promising and innovative interventions



SYMPOSIA

to combat the toxic effects of stress and burnout. A panel discussion will give symposium participants an opportunity to consider innovative solutions to these challenging issues.

CE Credits: 1.5, 90 Minute Workshop

1:30 – 3:00 p.m.

TLCD-038 ADEA Chair of the Board of Directors Symposium—Shaping Tomorrow's Oral Physicians: Two Approaches to Curricular Reform
CCC-Rooms Mile High 1A-D

Presenter(s): Sara Gordon, D.D.S., M.S.; Joel Berg, D.D.S., M.S. | University of Washington School of Dentistry; Sang Park, D.D.S., M.M.Sc.; Bruce Donoff, D.M.D., M.D.; Donald Giddon, D.M.D., Ph.D. | Harvard School of Dental Medicine

Two dental schools, Harvard University in Boston and the University of Washington in Seattle, independently launched new curricula in 2015 that aim to develop dentists with exceptionally strong skills in medicine—oral physicians. Each school integrates the biomedical curriculum for preclinical dental students, and each school plans a clinical clerkship approach to clinical training. Learn about the features these programs share and how they differ. Discover how each school planned and implemented its new curriculum, and what lessons for the future they have learned. Engage with your colleagues in a discussion of the merits and challenges of such an approach.

CE Credits: 1.5, 90 Minute Workshop



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Convention Center Information

The 2016 ADEA Annual Session & Exhibition is being held at the Colorado Convention Center:

700 14th Street
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303-228-8000

The Colorado Convention Center is located within easy walking distance of restaurants, local entertainment venues and a wide variety of shopping and retail outlets. The Denver International Airport is approximately 25 miles from Downtown Denver.

Transportation for Offsite Tour

Transportation to the University of Colorado School of Dental Medicine (CU SDM) will depart promptly on Saturday, March 12 at 10:00 a.m. from the Denver Convention Center, at the South Shuttle Drop Off, corner of 14th and California Streets. Buses will depart from the school at 12:45 p.m., returning to the Colorado Convention Center at 1:15 p.m.

CU SDM is nationally recognized for the quality of its dental educational programs, interdisciplinary research and contributions to caring for the oral health of citizens throughout Colorado. Located in the heart of the Rocky Mountain West, the CU SDM is a part of the growing University of Colorado Anschutz Medical Campus in Aurora, CO, which educates more than 400 students and provides over 80,000 patient visits each year.

Wireless Internet Access

The Colorado Convention Center provides free Wi-Fi at street level and in all common spaces. ADEA will provide Wi-Fi access at the Colorado Convention Center to Annual Session & Exhibition attendees. To access the Wi-Fi, choose the ADEA network and enter the password `adea2016`.

Attendees staying in the ADEA room block at the Hyatt Regency Denver will enjoy complimentary Wi-Fi. The Hyatt Regency also offers complimentary Wi-Fi access in the lobby of the property.

Complementary Educational Session Resources

Attendees will be able to download many educational session presentation materials via the mobile app or at adea.org/2016/planner.

Education Session Evaluations and Continuing Education (CE) Credits

ADEA is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. ADEA designates individual educational sessions for various continuing education credits. Please refer to individual education session descriptions for detailed information.

Continuing education credits (CE) are earned by attending educational sessions in their entirety and by completing the evaluation process for those sessions. To evaluate educational sessions attended and obtain a CE Verification Form, ADEA Annual Session & Exhibition registered attendees may use the mobile app or program planner. The deadline to complete the evaluation process and print a PDF of your CE Verification Form is Friday, April 22, 2016. The evaluation process is electronic only. CE Verification Forms cannot be reproduced by ADEA after the deadline.

Questions concerning completion of the evaluation process or printing and saving a CE Verification Form or ADEA SoTLfest Certificate may be directed to support@ConferenceHarvester.com or 410-638-9239.

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 presentations.

ADEA SoTLfest

The ADEA Scholarship of Teaching and Learning (ADEA SoTLfest)-related sessions examine how teaching is valued, assessed and rewarded, and how it contributes overall to the learning experience of students and educators. You can be recognized for your participation in the ADEA SoTLfest. To be eligible for an ADEA SoTLfest Certificate of Recognition, you must participate in a minimum of three ADEA SoTLfest designated sessions plus at least one Chair of the ADEA Board of Directors Symposium and complete the online evaluation process associated with those sessions.

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Indian Health Service
Dental Careers



The policy of the IHS is to provide absolute preference to qualified Indian applicants and employees who are suitable for federal employment in filling vacancies within the IHS. IHS is an equal opportunity employer.

Exhibit Hall

Join the more than 70 commercial and educational exhibitors in this year's Exhibit Hall, located in Hall A on the Exhibit Level of the Colorado Convention Center. The Exhibit Hall will be open on Sunday and Monday, March 13–14, with dedicated hours on both days.

Take advantage of the Exhibit Hall offerings and scheduled networking opportunities, including the Connect & Collaborate Lounge, a dedicated coffee break and complimentary lunches. The daily Exhibit Hall Raffle boasts a variety of great prizes generously donated by exhibitors and sponsors. The raffle takes place at 1:30 p.m. on Sunday and at 1:00 p.m. on Monday (winners must be present to claim prize).

Be sure to stop by the ADEA Showcase to explore some of the unique faculty development and student enrichment resources provided by ADEA. Demonstrations, videos, tutorials and how-to sessions will be available during the Exhibit Hall hours, and will include the following displays:

- Membership and Publications
- ADEA GoDental
- ExploreHealthCareers.org
- ADEA AADSAS
- ADEA PASS
- ADEA weTeach
- Advocacy and Government Relations

Editors and staff from the *Journal of Dental Education (JDE)* will hold office hours this year at the ADEA Showcase.

- Sunday, March, 13, 12:30 – 1:30 p.m.
Nadeem Karimbux, D.M.D., M.M.Sc., Editor
- Monday, March 14, 9:45 – 11:00 a.m.
Lynn Whittaker, Ph.D., Executive Managing Editor
- Monday, March 14, 11:00 a.m. – noon
Sarah Burstyn, JDE Project Manager
- Monday, March 14, Noon – 1:30 p.m.
Marita Inglehart, Dipl.Psych., Dr. phil., Dr. phil. habil., Associate Editor

At the ADEA TechExpo, see the latest technology applications developed specifically for dental education by your colleagues. It's a close-up, hands-on experience. Walk around and interact with new technology, share ideas and discuss

exciting innovations with the presenters. The ADEA TechExpo is interesting whether you're on the cutting edge or catching up with technology. Peruse showcased Poster Presentations on Sunday, March 13, from 1:00 to 3:00 p.m., and Monday, March 14, from 10:00 a.m. to noon. See page 78 for a complete list of poster presentations each day.

Registration, Information and House of Delegates Booths

The registration booth is located in Lower Lobby A of the Colorado Convention Center. Along with registration information, attendees will find ADEA staff who can help with ADEA membership inquiries and general Association information.

The registration and information booths will be open:

- | | |
|----------------------|-----------------------|
| • Friday, March 11 | 3:00 – 6:00 p.m. |
| • Saturday, March 12 | 7:30 a.m. – 5:30 p.m. |
| • Sunday, March 13 | 7:00 a.m. – 5:30 p.m. |
| • Monday, March 14 | 7:00 a.m. – 5:00 p.m. |
| • Tuesday, March 15 | 8:00 a.m. – 2:00 p.m. |

The ADEA House of Delegates (HOD) booth is located in Lower Lobby A, and will be open:

- | | |
|----------------------|-----------------------|
| • Saturday, March 12 | 8:00 a.m. – 5:00 p.m. |
| • Sunday, March 13 | 8:00 a.m. – 5:00 p.m. |
| • Monday, March 14 | 8:00 a.m. – 4:30 p.m. |
| • Tuesday, March 15 | 2:00 – 4:30 p.m. |

Social Media

Follow ADEA on Twitter (twitter.com/adeaweb) and Facebook for the latest news about dental education and updates from Annual Session. We want to hear from you! Use the Twitter hashtag #adea2016 to tell everyone about an event or session, or to connect with likeminded colleagues.

AMERICAN DENTAL EDUCATION ASSOCIATION

CALL FOR PROGRAMS

2017 ADEA ANNUAL SESSION & EXHIBITION

BEYOND BOUNDARIES

LONG BEACH, CA | MARCH 18-21

Share your best techniques on how you teach students effectively. Submit abstracts for educational programming for the 2017 ADEA Annual Session & Exhibition.

Don't miss your opportunity to engage in the rich programming and myriad networking opportunities. Begin planning your submission for the 2017 ADEA Annual Session & Exhibition today.

The deadline to submit is June 1, 2016.

For a full description of the 2017 ADEA Annual Session & Exhibition theme and complete instructions on submitting a program proposal, visit: adea.org/2017/Submit.

ADEA

THE VOICE OF
DENTAL EDUCATION

SPECIAL EVENTS

Unless otherwise indicated, these special events are open to all attendees. Some events require tickets or are by invitation only.

FRIDAY, MARCH 11 6:00 – 9:00 p.m.

I-177 ADEA Leadership Institute Class of 2016 Reception and Commencement Dinner
(By invitation only)

HY, Capitol Ballroom 1-3 & Foyer

SATURDAY, MARCH 12 8:00 – 11:00 a.m.

 **I-012 2016 ADEA Signature Series—**
Integrating Oral Health in Health Care Curricula
and Practice

CCC, Mile High 1

SATURDAY, MARCH 12 10:30 a.m. – 3:00 p.m.

I-126 ADEA GoDental Recruitment Fair
for Predental Students and Advisors
(Registration required)

Sponsored by Aspen Dental Management, Inc.,
Liaison International, Inc., Pacific Dental Services,
Inc. and The Procter & Gamble Company.

CCC, Four Seasons Ballroom

SATURDAY, MARCH 12 4:30 – 5:30 p.m.

I-112 ADEA House of Delegates Opening Session
CCC, Room Mile High 2, 3, 4

SATURDAY, MARCH 12 5:30 – 6:30 p.m.

I-226 ADEA Welcome Reception
CCC, Four Seasons Ballroom

SUNDAY, MARCH 13 1:30 – 2:30 p.m.

I-148 ADEA Reference Committee
on Association Policy Hearing
CCC, Room 106

SUNDAY, MARCH 13 3:30 – 4:30 p.m.

I-149 ADEA Reference Committee
on Administrative Affairs
CCC, Room 106

SUNDAY, MARCH 13 5:30 – 7:00 p.m.

I-179 ADEA Leadership Institute Class of
2017 Welcome Reception (By invitation only)
HY, Centennial H

MONDAY, MARCH 14 6:00 – 9:00 p.m.

 **I-277 2016 William J. Gies Awards for**
Vision, Innovation and Achievement Gala
HY, Centennial Ballroom

The William J. Gies Awards for Vision, Innovation and Achievement (The Gies Awards) are the preeminent recognition of exceptional contributions to and support of dental education. The Gies Awards are an annual program of the ADEAGies Foundation. Tickets for the event are available at registration.

TUESDAY, MARCH 15 3:30 – 4:30 p.m.

I-113 Closing Session of the ADEA House
of Delegates
CCC, Room Mile High 2, 3, 4

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ADEA CareerCon

➤ Your Dental Degree + Our Experts = Your Future

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24 Hour Access!

May 1-3, 2016

All current dental students and new dentists are invited to this free, three-day virtual event to learn about:

- Marketing yourself and your business.
- Teaching and faculty practice—there are unique benefits!
- Tips when considering contracts and insurance policies.
- Specialty residency options.

Plus, 25 additional presentations!

Our experts include:

- An attorney who is also a dentist.
- An advocate for dental funding and research.
- New dentists and residents.
- A loan repayment strategist.
- A dental school dean.
- Application specialists from ADEA PASS and ADEA CAAPID, and many more!

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Register today! ➤ adea.org/careercon

AMERICAN DENTAL EDUCATION ASSOCIATION

SCHEDULE

Complete 2016 ADEA Annual Session & Exhibition Schedule by Day and Time

Programs are listed chronologically by day. ADEA Governance and Affiliated Organizations meetings are not included; these are listed separately on page 60. For full session information, please visit adea.org/2016/planner or the mobile app.

Designations

- SoTL** The SoTLfest at the ADEA Annual Session & Exhibition gathers a community of scholars, teachers and learners who discuss ideas, share knowledge and stimulate thinking.
- CCI** Each ADEA CCI program addresses one of the following eight core principles: critical thinking, life-long and self-directed learning, humanistic environment, scientific discovery and the integration of knowledge, evidence-based oral health care, assessment, faculty development or the health care team.
- LIAA** All ADEA LIAA endorsed sessions help to further the leadership and personal development of future leaders in dental and higher education.
- SL** Sessions marked with this icon are student-led sessions.
- AD** These sessions are designed to have content that will enhance allied dental education (Dental Assisting, Dental Hygiene and Dental Laboratory Technology).



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2016 ADEA ANNUAL SESSION & EXHIBITION

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July 12–15, 2016: Harraseeket Inn | Freeport, ME

Build Your Academic Career

ADEA Summer Program for Emerging Academic Leaders

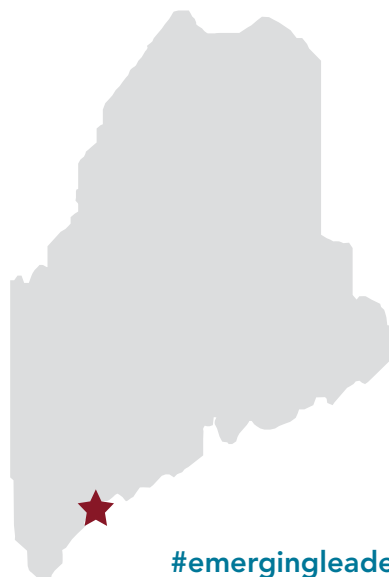
a dynamic education retreat for early-career faculty

Designed to provide early-career faculty the guidance, insight and skills needed to build an academic career, the ADEA Summer Program for Emerging Academic Leaders is a year in length, and kicks off in July with this highly interactive three-and-a-half day onsite session.

Take charge of your future in academic dentistry.

Register for the 2016 ADEA Summer Program
for Emerging Academic Leaders:

- Expand your professional network of colleagues and mentors.
- Assess and develop your leadership competencies.
- Learn more about timely topics and trends in academic dentistry.
- Create a career plan to focus on activities that will build your professional capacity.



#emergingleaders

TICKET 8:00 – 11:00 a.m.**I-012 2016 ADEA Signature Series—
Integrating Oral Health in Health Care
Curricula and Practice****CCC-Mile High 1****Presenter(s):** *Maria Dolce, Ph.D., RN, CNE | Northeastern University; David Gesko, D.D.S. | HealthPartners; Michael Plunkett, D.D.S., M.P.H. | Kaiser Permanente, Oregon Health & Science University School of Dentistry*

The 2016 ADEA Signature Series Program, “Integrating Oral Health in Health Care Curricula and Practice,” will engage participants in understanding the concept of the health care home and how oral health should be an integral component. Our speakers will present what leaders in dentistry and dental education should be doing to ensure oral health is integrated into the new health care delivery models. A discussion with all presenters will complete the program.

CE Credits: 3

9:00 a.m. – noon

**I-187 The ADEA Student Diversity
Leadership Program—Part 2****CCC-Room 104****Presenter(s):** *Mark A. Lopez, Ph.D. | ADEA*

Throughout the educational pipeline, students gain knowledge of the work and discipline of dentistry from formal coursework and training, as well as through formal and informal networks and interactions with current students. Opportunities to learn from colleagues and experienced professionals of varying identities and backgrounds can foster successful leadership development and ultimately effective practice in a diverse society. This leadership development program will help students identify appropriate professional mentors, navigate campus politics and professional environments and develop skills at managing cultural identity in the context of the larger institution.

CE Credits: 0

11:00 – 11:45 a.m.

**TLCD-1006 A New Opportunity for Dental
Professionals: Certified Diabetes Educator****CCC-Room 101****Presenter(s):** *Cynthia Stegeman, Ed.D., RDH, RD, LD, CDE, FAND | University of Cincinnati*

Dental professionals are oral health experts and are integral in helping patients with diabetes strive

for health. The National Certification Board for Diabetes Educators recently approved the launch of an alternative pathway for eligibility to become a Certified Diabetes Educator (CDE). This pathway is designed for the health professional with an advanced degree in a health-related area. This opportunity enables qualified dental professionals interested in diabetes to expand their career goals and join other health care disciplines in providing patients with diabetes education and support.

CE Credits: 0, 45 Minute Small Group Discussion

11:00 a.m. – noon

**AV-002 Community Outreach and Connecting
New Dentists to Shortage Areas****CCC-Room 303****Presenter(s):** *Debra Hoyle | The University of Iowa College of Dentistry & Dental Clinics*

With an aging dental workforce in many states, underserved communities look to dental institutions for assistance with recruiting new dentists. By creating a network with key organizations in a state, a dental school can play a significant role in connecting communities recruiting dentists to those students and alumni who are looking for a practice opportunity. Learn about how the Office of Iowa Practice Opportunities has built a viable network system and helps communities navigate the recruitment process.

CE Credits: 1, 60 Minute Seminar

11:00 a.m. – noon

**LD-110 Walk in the Woods—Systematic Dispute
Resolution for Academics** **LIAA****CCC-Room 304****Presenter(s):** *Romesh P. Nalliah, B.D.S. | University of Michigan School of Dentistry; Melanie E. Mayberry, D.D.S., M.S. | University of Detroit Mercy School of Dentistry; William Anderson, M.D. | University of South Carolina School of Medicine*

This session will outline a methodological approach for resolving complex problems in an academic setting. Systematic negotiation skills and dispute resolution processes will be presented. These skills are effective in resolving patient disputes, faculty-faculty disputes, student-staff disputes and various other conflicts in an academic setting. This workshop will be led by a physician leader at an academic institution, a dental leader from a private dental school and a dental leader from a public dental school.

CE Credits: 1, 60 Minute Seminar



11:00 a.m. – noon

TLCD-040 Simulation Training for Emergency Management in a Clinical Dental Environment
CCC-Room 403

Presenter(s): LaQuia A. Vinson, D.D.S., M.P.H. | Indiana University School of Dentistry

Management of medical emergencies is a small part of the predoctoral and the postdoctoral dental curriculum. However, providers are expected to maintain a patient safety-centered approach to care delivery. Patient management of medical emergencies using high fidelity simulators has been shown to be a valuable teaching tool. Attendees of this workshop will be exposed to one model for incorporation and learn how to construct and develop their own emergency management simulation training curriculum.

CE Credits: 1, 60 Minute Seminar

11:00 a.m. – noon

TLCD-004 Documentation for Accreditation: A Workshop for AEGD and GPR Programs
CCC-Room 205

Presenter(s): Heidi C. Crow, D.M.D., M.S. | University at Buffalo School of Dental Medicine; Judith Messura, D.M.D. | Wake Forest School of Medicine

The Commission on Dental Accreditation (CODA) requires documentation of activities to demonstrate a program has met the standards. CODA lists examples of evidence to document compliance; however, additional detail may be warranted. This session will discuss documentation examples for the areas of structured patient care conferences as well as inpatient and same-day surgery documentation of preparing the patient record. In addition, a discussion will be led on off-site rotations and current documentation requirements. Intended outcomes of the workshop are the development of process guidelines and report templates for use by programs to assist in documentation of activities.

CE Credits: 1, 60 Minute Workshop

11:00 a.m. – 12:30 p.m.

TLCD-030 Telehealth and Disruptive Innovation: Opportunities in Education, Service and Research **LIAA** **CCI**
CCC-Room 402

Presenter(s): Paul Glassman, D.D.S., M.A., M.B.A.; Maureen Harrington, M.P.H. | University of the Pacific, Arthur A. Dugoni School of Dentistry; Eli Schwarz, D.D.S., M.P.H., Ph.D., FHKAM, FCDShK, FACD, FRACDS | Oregon Health & Science University School of Dentistry

The dental industry is facing significant change. There has been a decades-long decrease in dental visits while the majority of the population does not receive dental care. The use of telehealth-connected teams to reach currently underserved populations and deliver preventive and early intervention services is a disruptive innovation that is beginning to spread and will result in significant change in the way dental care is delivered to the U.S. population. This session will review opportunities for dental education institutions to improve education, patient care and research by understanding and embracing emerging telehealth systems.

CE Credits: 1.5, 90 Minute Seminar

11:00 a.m. – 12:30 p.m.

TLCD-071 Weaving Self-assessment Into the Fabric of Biomedical Teaching **SoTL** **CCI**
CCC-Room 405

Presenter(s): Lincoln Edwards, D.D.S., Ph.D. | University of Texas School of Dentistry at Houston; Laura Romito, D.D.S., M.S. | Indiana University School of Dentistry; Tobias K. Boehm, D.D.S., Ph.D. | Western University of Health Sciences College of Dental Medicine; Larry D. Crouch, Ph.D. | University of Nebraska Medical Center College of Dentistry; Anita Joy, B.D.S., Ph.D. | Southern Illinois University School of Dental Medicine

Biomedical science faculty wish to inspire our students to continue learning long after they are finished with our courses, and one way of getting them there is building a habit of reflection and self-assessment of their existing knowledge.

This program will highlight a variety of teaching strategies that integrate self-assessment into the biomedical sciences. In this session, participants will learn ways to trigger student reflection and self-assessment during case-based learning exercises, group projects, independent study of the scientific literature and post-exam knowledge analysis.

CE Credits: 1.5, 90 Minute Seminar

11:00 a.m. – 12:30 p.m.

LD-011 Building a Business Case for Academic Activity **LIAA**

CCC-Room 201

Presenter(s): Feras H. Ghazal, D.D.S.; David Wank, M.A. | MetroHealth Medical Center; James Campbell, M.D., M.S.; Amy Zack, M.D. | Case Western Reserve University School of Dental Medicine

The balance of clinical productivity with research and teaching has the potential to erode the academic mission. Currently, there is disconnect between some dental clinicians' and educators' pursuit of academic activity and the financial feasibility of these endeavors as viewed through the eyes of hospital administrators. When pursuing funding for an academic activity, one should realize that administrators hesitate to support these projects until it can be directly linked to financial improvement. The goal of this workshop is for dental professionals to walk away with a new paradigm for understanding economic evaluation techniques by building and proposing a business case.

CE Credits: 1.5, 90 Minute Workshop

11:00 a.m. – 12:30 p.m.

TI-001 Breaking Up With Your EHR Is Hard to Do

SoTL **AD**

CCC-Room 203

Presenter(s): David B. Rankin, M.S. | University of North Carolina at Chapel Hill School of Dentistry; Lynn Johnson, Ph.D. | University of Michigan School of Dentistry; Joseph Kerr, M.B.A., PMP | University at Buffalo School of Dental Medicine; Roger Gillie | University of Michigan School of Dentistry

Since 2013, many health care providers have been reevaluating their electronic health record (EHR) software and are considering switching. Health IT industry experts say that by 2016, 50% of all large hospitals will have replaced their current EHR, and 40% of all EHR buyers want to change. Implementing your second EHR is much different from your first experience and is full of new challenges. During this interactive session, you will

discuss the many issues organizations face when switching EHR software and take away strategies to make your transition more successful.

CE Credits: 1.5, 90 Minute Workshop

11:00 a.m. – 12:30 p.m.

TLCD-048 Integrating the Updated Dental Hygiene Research Agenda in DH Education **AD**

CCC-Room 207

Presenter(s): Pamela J. Steinbach, RN, M.S. | American Dental Hygienists' Association; Deborah M. Lyle, RDH, M.S. | Water Pik, Inc.; Rebecca L. Stolberg, RDH, M.S.D.H. | Eastern Washington University; JoAnn R. Gurenlian, RDH, Ph.D. | Idaho State University

The American Dental Hygienists' Association (ADHA) has updated its National Dental Hygiene Research Agenda to expand the vision of its usefulness for educators, researchers and students. The objective was to create an agenda that is easy to use conceptually and to facilitate the generation of knowledge that contributes to the discipline of dental hygiene. Educators' important role in using the agenda to develop dental hygiene researchers who contribute to the discipline of dental hygiene will be emphasized through interactive Q&A. Advancing the dental hygiene discipline through research funding streams will be explored by stakeholders.

CE Credits: 1.5, 90 Minute Workshop

11:00 a.m. – 12:30 p.m.

TLCD-052 Is Your Evidence Trustworthy? Teaching Critical Appraisal of Systematic Reviews

CCC-Rooms 406/407

Presenter(s): Raymond Koeppen, D.D.S., M.S., M.B.A.; Gene C. Stevenson, D.D.S., M.S., M.P.H.; Ana Neumann, D.D.S., M.P.H., Ph.D.; Kimberly S. Ruona, D.D.S. | University of Texas School of Dentistry at Houston

This interactive workshop will show educators how to teach dental students the basics of rapid appraisal of systematic reviews, evaluate the results and interpret the findings. Using a three-step process and available tools, participants will have the opportunity to practice real-time critical appraisal and the application of evidence from systematic reviews using real-life clinical scenarios. An actual third-year curriculum will demonstrate how to teach students to appraise systematic reviews and apply the results to their own patients. It was accomplished through existing didactic and clinical courses with the coordinated use of interactive plenary sessions, clinical scenarios, assignments and workshops.

CE Credits: 1.5, 90 Minute Workshop

Noon – 12:45 p.m.

TLCD-1007 Assessing Interprofessional Attitudes and Skills Among Early Learners
CCC-Room 101

Presenter(s): *Michelle McGregor, RDH, M.Ed. | Virginia Commonwealth University School of Dentistry*

The World Health Organization (2010) states that interprofessional education (IPE) occurs when students from two or more professions learn about, from and with each other to enable effective collaboration and improve health outcomes. Exposing early learners to foundational knowledge of teamwork and roles and responsibilities improves attitudes and skills that prepare students for interprofessional practice. Increasing numbers of accrediting organizations, including the Commission on Dental Accreditation, are expecting educational institutions to utilize interprofessional opportunities in their curriculum. This small group talk will provide an overview of an IPE case series and methods used for assessing interprofessional skills and attitudes among early learners.

CE Credits: 0, 45 Minute Small Group Discussion

1:00 – 1:45 p.m.

TLCD-1008 Shaping Tomorrow Together With the Implementation of Interprofessional Laboratory Coursework
CCC-Room 101

Presenter(s): *Marjorie R. Arnett, M.S.; Erin Stephens, D.D.S. | Loma Linda University School of Dentistry*

The Interprofessional Laboratory course improves patient outcomes and safety by graduating dental professionals experienced in collaborating and communicating with other health care professionals. The Interprofessional Laboratory has three simulation stations: Defining Roles in Practice, Immersive Simulation and Short Scenarios. Three multidisciplinary student groups rotate through the stations. There are one to two dental students per every eight-student multi-professional group. Fifteen professions have participated in the Interprofessional Laboratory simulation. This interaction led to a better understanding of professional roles, effective multidisciplinary communication and the importance of teamwork.

CE Credits: 0, 45 Minute Small Group Discussion

1:00 – 2:00 p.m.

TLCD-060 Two Schools Share Outcomes of Flipped Predoctoral Pediatric Didactic Instruction **SoTL**
CCC- Room 404

Presenter(s): *Kimberly Patterson, D.D.S., M.S.; Janice A. Townsend, D.D.S., M.S. | Louisiana State University Health New Orleans School of Dentistry; Alton McWhorter, D.D.S., M.S. | Texas A&M University Baylor College of Dentistry*

Faculty developing predoctoral curricula that engage upcoming technophiles entering dental school are using novel approaches including the “flipped classroom.” The Khan Academy, a free educational online resource, made the ‘flipped classroom’ mainstream as an adjunct to all pre-professional educational levels. During this session you will learn how two established dental schools have integrated a flipped classroom design into predoctoral pediatric education and learn options available at no charge online to assist in integrating a flipped curriculum. The purpose of this session is to examine two flipped curriculum innovations and discuss options, implementation and outcomes.

CE Credits: 1, 60 Minute Seminar

1:00 – 2:00 p.m.

TLCD-061 Building Interprofessional Collaborations: Implementing Tobacco Cessation in Dental Education **LIAA** **SL**
CCC-Room 303

Presenter(s): *Lina Maria Mejia, D.D.S., M.P.H.; Lina Maria Mejia, D.D.S., M.P.H.; Shannon Albert, Psy.D.; Abby Brodie, D.M.D., M.S.; Sheri Schour, AHEC Program | Nova Southeastern University College of Dental Medicine*

Tobacco use is the single most preventable cause of morbidity and mortality globally. Smoking cessation efforts in dentistry are critical to reducing the oral and systematic effects of tobacco use. This session describes a model of interprofessional collaboration developed at Nova Southeastern University College of Dental Medicine to educate and engage the dental student in efforts to recognize, manage and provide intervention for patients who are tobacco users. This presentation covers the curriculum development and implementation of clinical programing, demonstrating the potential of interprofessional education.

CE Credits: 1, 60 Minute Seminar

1:00 – 2:00 p.m.

TI-004 Know the Truth: Using ExamSoft to Support Allegations of Cheating

CCC-Room 304

Presenter(s): Cameron B. Jeter, Ph.D.; Ted D. Pate, Ph.D.; Richard Halpin, M.Ed. | University of Texas School of Dentistry at Houston

Dental schools across the continent are transitioning from paper exams to laptop-administered exams. Testing software provides many advantages but is not impervious to student cheating. Faculty need to be armed with knowledge of the software and its capabilities to better safeguard exam integrity. This seminar will demonstrate common student-monitoring features of digital testing software, recommend best practices of electronic exam proctoring, present real-life cases of how cheating on laptop exams was identified and documented and equip attendees with the skills and boldness to identify cases and substantiate accusations of dishonesty.

CE Credits: 1, 60 Minute Seminar

1:00 – 2:00 p.m.

TLCD-016 Be Creative: An Interactive Approach to Peer Learning **CCI**

CCC-Room 401

Presenter(s): Melissa Ing, D.M.D.; Charles Rankin, D.M.D.; Kanchan Ganda, M.D.; Britta Magnuson, D.M.D. | Tufts University School of Dental Medicine

Infection control, Occupational Safety and Health Administration policies and general safety issues should be outlined early in dental education. Standard methods of teaching and reinforcing how to have a safe and healthy work environment usually consist of PowerPoint lectures and perhaps providing an infection control manual. These may not be the most effective ways to garner attention when students are requesting more interaction and technology. Research indicates that a curriculum that encourages critical thinking and creativity promotes greater competence and higher achievement. This session demonstrates how faculty, staff and students can join forces to shape a true sensory experience with instructional media.

CE Credits: 1, 60 Minute Seminar

1:00 – 2:00 p.m.

TLCD-032 The Future of Teaching Clinical Simulation in the Virtual Reality

CCC-Room 402

Presenter(s): Sandra M. Farah-Franco, D.D.S. | Western University of Health Sciences College of Dental Medicine; Richard Callan, D.M.D., Ed.S. | Dental College of Georgia at Augusta University

Given the limited resources and budgetary constraints of dental education, “evolve or die” becomes as pragmatic as ever. How will technology enhance dental education to better prepare future practitioners for tomorrow’s world? Can real time formative feedback via CAD/CAM technology enhance the future position of the teacher? Will digital feedback aid faculty’s transformation from traditional evaluators and graders to revered mentors and facilitators? Two bi-coastal dental institutions join efforts to enlighten us on these critical issues looming on our horizon.

CE Credits: 1, 60 Minute Seminar

1:00 – 2:00 p.m.

TLCD-035 Preparing Students to Treat the Elderly: Lessons From Four Countries

CCC-Room 403

Presenter(s): Minn Yoon, Ph.D. | University of Alberta School of Dentistry; Leonardo Marchini, D.D.S., M.S.D., Ph.D. | The University of Iowa College of Dentistry & Dental Clinics; Anastasia E. Kossioni, D.D.S., M.Sc., Ph.D., PGCeODL | National and Kapodistrian University of Athens School of Dentistry; Laura Kaufman, D.M.D. | Boston University Henry M. Goldman School of Dental Medicine

Many older adults have cognitive and/or physical limitations that may impair their ability to carry out adequate oral hygiene. Many also experience difficulties in accessing routine oral care. Our panel of geriatrics-educated oral health professionals from the United States, Canada, Brazil and Greece will present best practices in education curriculum for training oral health professionals to treat the growing number of older adults in their practices and community, including interprofessional education experiences.

CE Credits: 1, 60 Minute Seminar

1:00 – 2:00 p.m.

TLCD-045 Integrating Basic Science and Clinical Content Through Online Modules

CCC-Room 205

Presenter(s): Cynthia J. Miller, M.S., Ph.D.; Michael J. Metz, D.M.D., M.S.D., M.S., M.B.A. | University of Louisville School of Dentistry

Dental students often have difficulty understanding the importance of basic science classes for their future careers. In order to help alleviate this issue, a series of video modules were created using simulated patients and custom animations that showcase medical emergencies in the dental practice. The presentation will demonstrate how software programs can be used to easily create and edit videos from PowerPoint presentations, webcams or clinic videos. Attendees will participate through active-learning breakout sessions, in which they will brainstorm potential topics for online modules, discuss pitfalls of the learning technique and create plans for implementation in their courses.

CE Credits: 1, 60 Minute Workshop

1:00 – 2:30 p.m.

TLCD-013 Becoming the Riddler: Principles in Writing Effective Multiple-choice Questions

CCC-Room 203

Presenter(s): David A. Morton, Ph.D. | University of Utah School of Dentistry; Burke W. Soffe, D.M.D. | Roseman University of Health Sciences College of Dental Medicine - South Jordan, Utah; Nisha Ganesh, D.D.S. | East Carolina University School of Dental Medicine; Timothy D. Wilson, Ph.D. | Western University Schulich School of Medicine & Dentistry

Assessment is an essential component of dental education and has a powerful influence on learning. Therefore, assessments need to challenge students to synthesize information at higher cognitive levels (based on Bloom's Taxonomy). Unfortunately, many courses test minutia and simple recall of factual information (lower cognitive levels). This workshop addresses the following: 1. Presentation of steps to writing high-quality, multiple-choice questions (MCQs). 2. Application of the steps in evaluating sample MCQs. 3. Practice writing MCQs as a group, followed by discussion. This session is aimed at attendees interested in improving assessments and they are encouraged to bring assessment items with them.

CE Credits: 1.5, 90 Minute Workshop

1:00 – 2:30 p.m.

TLCD-017 Best Practices in Teaching the Electronic Health Record, Expanded and Updated **SoTL**

CCC-Room 207

Presenter(s): Jessica Hilburg, D.D.S.; Lynda Torre, D.D.S.; Roseanna Graham, D.D.S., M.A., Ph.D. | Columbia University College of Dental Medicine

The majority of dental schools have transitioned or will transition to an electronic health record (EHR). Implementation of the EHR is the first challenge faced by educators. The next challenge is finding effective ways to teach students and faculty how to use the EHR. This session will take participants through the process of incorporating the EHR into the curriculum, beginning with preclinical, case-based scenarios and moving through to comprehensive use in the clinical setting. Faculty training and calibration protocol will be discussed. Participants will have the opportunity to discuss how best practices of EHR implementation can be incorporated at their school.

CE Credits: 1.5, 90 Minute Workshop

TICKET 6:30 – 8:30 p.m.

I-227 Evening Plenary on Gender Issues: Discourse and Dessert

HY-Centennial E-H

Presenter(s): Brenda J. Allen, Ph.D.

Brenda J. Allen, Ph.D., is a Professor of Communication and Vice Chancellor for Diversity and Inclusion at the University of Colorado Anschutz Medical Campus in Denver. Her scholarship focuses on organizational communication, diversity and power dynamics. Among her numerous publications is a groundbreaking book entitled *Difference Matters: Communicating Social Identity* (2011, Waveland Press). Dr. Allen provides consultations, presentations and workshops on topics such as unconscious bias, inclusive workplaces, privilege and cultural responsive teaching/training. She has received numerous awards and accolades, including the Francine Merritt Award for Outstanding Contributions to the Lives of Women in Communication from the National Communication Association.

CE Credits: 1



8:30 – 10:00 a.m.

**I-228 Opening Plenary—On the Edge:
The Art of High-Impact Leadership**

CCC-Mile High 2,3,4

Presenter(s): *Alison Levine*

Alison Levine, a world-renowned adventurer, shares lessons learned from various extreme environments—ranging from Mt. Everest to the South Pole—and explains how those lessons can apply to business and beyond. Her advice is flat-out contrarian and flies in the face of what you have been told by well-known management gurus and highly paid executive coaches: encourage big egos, go backward—away from your goal, ignore the rules, ditch the plan, deprive yourself of sleep and reward failure. She provides a road map to help you scale whatever big peaks you aspire to climb by offering practical, humorous and often unorthodox advice about how to reach your potential. Ms. Levine taught for four years at the United States Military Academy at West Point in the Department of Behavioral Sciences and Leadership. She is an advisor to the Thayer Leader Development Group at West Point and is on the board of the Coach K Center on Leadership and Ethics at Duke University. She has an M.B.A. from Duke University and worked for Goldman Sachs. She is the founder of the Climb High Foundation, which trains jobless women in western Uganda to work as trekking guides in the Rwenzori Mountains. Her best-selling book, *On the Edge: Leadership Lessons from Mount Everest and Other Extreme Environments*, was released in January 2014.

CE Credits: 1

10:30 – 11:15 a.m.

**LD-108 The “Scholarly Activity” Requirement:
Road Map for Junior Clinical Faculty**

CCC-Room 101

Presenter(s): *Ezinne Ogbureke, B.D.S., D.M.D.;
Cleverick D. Johnson, M.S., D.D.S. | University of Texas
School of Dentistry at Houston*

Dental clinicians enter academics with the intent to pass on relevant clinical skills and knowledge to successive generations. Success of faculty in dental teaching institutions is a measure of three core areas: teaching, service and scholarly activities. The clinical faculty, thus, is required to be involved, and to ultimately excel, in “research and publications” as a demonstration of scholarly activity. This session will propose a pathway for clinical faculty members to meet the scholarly activities requirements for promotion and career advancement in academics. This proposal utilizes a mentor/mentee relationship that explores suggestions toward successfully satisfying this requirement.

CE Credits: 0, 45 Minute Small Group Discussion

10:30 – 11:30 a.m.

**TLCD-074 Click It! Using Student Response
Systems in Dental Hygiene Courses** **AD**

CCC-Room 207

Presenter(s): *Anna Matthews, RDH, M.S. | New York
City College of Technology*

Using student response systems (SRS) for instant polling in class and formative assessment can provide some important advantages, including improved class attendance, participation and motivation, increased interactivity and promotion of class discussion, instant availability and easy analysis of results and immediate instructor feedback. Workshop participants will discuss the SRS benefits and limitations, learn how to design quizzes and select questions for use with SRS and try the system as a test and feedback tool. Changes in student performance following the introduction of formative assessment and SRS in dental hygiene courses will be discussed.

CE Credits: 1, 60 Minute Workshop



10:30 a.m. – noon

I-184 Medicare Graduate Medical Education Update

CCC-Room 106

Presenter(s): Susan Banks, J.D. | Dentons US LLP

ADEA continues to monitor developments surrounding Medicare graduate medical education (GME) issues and advocate for changes that affect GME reimbursements to dental schools. Again this year, a recognized expert on the subject of dental GME will provide dental educators with an update on current GME issues and proposed federal rules and their impact on dental residency programs in non-hospital settings.

CE Credits: 1.5, 90 Minute Seminar

10:30 a.m. – noon

LD-007 Shaping the Path: The Development of Adjunct and Transitioning Faculty

CCC-Room 113

Presenter(s): Felicia Tucker-Lively, Ph.D. | AAL; Carla Rodriguez, D.M.D. | University of Kentucky College of Dentistry; Tawana K. Ware, D.D.S., M.S.D. | Indiana University School of Dentistry; Paula O'Neill, M.Ed., Ed.D. | University of Texas School of Dentistry at Houston

Today's academic dental institutions face rigorous demands and challenges including evolving accreditation standards and increased class sizes. All too often, programming designed to enhance the competencies of their faculty become secondary to these larger issues. Since adjunct or newly transitioning faculty make up a large portion of educators in academic institutions, the development of this high-potential talent is crucial. This session will focus on leadership and career development of adjunct and transitioning faculty by providing attendees with empirical evidence and best practices in shaping the paths of faculty. It will initiate and stimulate provocative conversation around the issue.

CE Credits: 1.5, 90 Minute Seminar

10:30 a.m. – noon

AV-001 The Curriculum Integrated Format in Action: The Buffalo Model **CCI**

CCC-Room 302

Presenter(s): Joseph E. Gambacorta, D.D.S. | University at Buffalo School of Dental Medicine

Currently, most jurisdictions grant dental licensure following successful completion of a live patient exam. Testing agencies operate independently of dental schools but conduct exams at school facilities. Concerns have been raised over the use of live patients, clinical skills tested and standardization of exams. Faculty and licensing agencies collaborating during exams presents a possible solution. The Buffalo Model enables faculty to engage in the exam from case acceptance to final outcome assessment. This session will outline the collaborative effort between the University at Buffalo and the Commission on Dental Competency Assessments and demonstrate how it will improve licensure examinations.

CE Credits: 1.5, 90 Minute Seminar

10:30 a.m. – noon

AO-003 Evidence-based Approach to Diversity: Changes Without Breaking the Budget **LIAA**

CCC-Room 303

Presenter(s): Romesh P. Nalliah, B.D.S. | University of Michigan School of Dentistry; Peggy Timothe, D.D.S., M.P.H. | Harvard School of Dental Medicine

The presenters have conducted research to evaluate the resources used by dental students when identifying a dental school once they decide to pursue dentistry as a career. Access to these common resources affects recruitment of dental students and presenters will share simple, evidence-based approaches to improving diversity in a dental school environment. Improving diversity in student bodies is a critical issue that will also have an impact on access to care because existing research has demonstrated that dental students who are also underrepresented minorities are more likely to serve minority populations in their dental careers.

CE Credits: 1.5, 90 Minute Seminar

10:30 a.m. – noon

**LD-107 Shaping Your Career Together
With ADEA LIAA**
CCC-Room 304

Presenter(s): Ryan Quock, D.D.S. | University of Texas School of Dentistry at Houston; Wendy Woodall, D.D.S. | University of Nevada, Las Vegas, School of Dental Medicine; James Lott, D.M.D. | University of Mississippi Medical Center School of Dentistry; Valerie Murrah, D.M.D., M.S. | University of North Carolina at Chapel Hill School of Dentistry

New to dental education? Trying to transition from a clinical practice to a teaching career? Or perhaps just trying to figure out ADEA? This session will address what it means to be an educator and excel in the profession as an educator and leader. Attendees will learn how to tap into ADEA's resources to expand the breadth and depth of their teaching and leadership. Specific resources such as ADEA weTeach, MedEdPORTAL and ADEA faculty development programs will be featured. This session is recommended for new faculty and/or first-time ADEA Annual Session attendees.

CE Credits: 1.5, 90 Minute Seminar

10:00 a.m. – noon.

I-1010 The Nuances of Navigating a Corporate, Academia, Health Care Relationship—Ethical, Legal and Practical Solutions
CCC-Room 402

Presenter(s): Lily T. Garcia, D.D.S., M.S. | The University of Iowa College of Dentistry & Dental Clinics; Celeste V. Kong, D.M.D. | Boston University Henry M. Goldman School of Dental Medicine; Elizabeth Lindquist, J.D. | King & Spalding

A distinguished panel will review how academic dental institutions can work collaboratively with the dental industry to ensure that the academic curriculum and appropriate technological guidelines meet the needs for quality, safe and patient-centered care. Also, a legal expert will provide an overview on certain aspects of the Sunshine Act that are most applicable to dental institutions, dental faculty and researchers, affiliates of dental schools and parent institutions of dental schools.

CE Credits: 1.5, 90 Minute Workshop

10:30 a.m. – noon

**TLCD-067 Shaping Tomorrow Together:
Transforming Faculty Roles From Clinician
to Academician**
CCC-Room 403

Presenter(s): Geralyn Crain, D.D.S., Ph.D.; Jo Anne Murray, Ed.D. | East Carolina University School of Dental Medicine; Frank Licari, D.D.S., M.P.H., M.B.A. | William Carroll, D.D.S., FACD, FICD, FAGD, ABGD | Roseman University of Health Sciences College of Dental Medicine – South Jordan, Utah

New dental faculty, often with little to no formal education training, may experience challenges associated with adapting to a new role as educator and to an academic career. Dental schools should support the transformation of the role of faculty to “dental educator” as distinct from a dentist who happens to teach. Participants in this session will hear from faculty and administrators from two dental schools with experience supporting faculty role transition and will consider ways in which a similar approach could be implemented in their own educational settings.

CE Credits: 1.5, 90 Minute Seminar

10:30 a.m. – noon

**TLCD-072 What Is the Role of Clinical
Expertise in Dental Education?**
CCC-Room 404

Presenter(s): Gene C. Stevenson, D.D.S., M.S., M.P.H. | University of Texas School of Dentistry at Houston

From a clinician's perspective, the core of evidence-based dentistry (EBD) is bridging the gap between evidence and appropriate clinical implementation. Clinical expertise, a key element of EBD, is ill-defined yet serves an essential role because students must acquire competency in clinical skills in a variety of experiences in order to become successful clinicians. This session introduces the new Clinical Expertise Model, which incorporates 11 CODA standards, clearly defines expertise and illustrates how it integrates the students' therapeutic knowledge with surgical skills to identify and solve clinical problems. Expertise also integrates research evidence with patient values and circumstances, resulting in shared decision-making.

CE Credits: 1.5, 90 Minute Seminar

10:30 a.m. – noon

**TLCD-012 A Student Perspective:
Utilizing Andragogy in Today's Curriculum**

SoTL **LIAA** **SL**

CCC-Room 201

Presenter(s): *Alexandre R. Vieira, D.D.S., M.S., Ph.D.; Alexander J. Frisbie; Samantha R. Linkowski; Michael J. Genello; Kelsey Kuehner | University of Pittsburgh School of Dental Medicine*

Andragogy combines multiple aspects of education tailored to adult learning. It incorporates an adult learner's desire for relevance, self-direction, goals, respect and assessment. By implementing andragogy into today's dental education, professional students can engage in learning, optimizing the current student-faculty relationship. In this student-led workshop, current learning will be compared with aspects of andragogy in a series of short video clips highlighting the effectiveness of this teaching method. You will hear first-hand from current dental students, evaluating current teaching methods and ideas for future teaching.

CE Credits: 1.5, 90 Minute Workshop

 10:30 a.m. – noon

**TLCD-001A Dental Office Emergency
Simulation Lab**

CCC-Room 301

Presenter(s): *David M. Shafer, D.M.D. | University of Connecticut School of Dental Medicine; Pamela Hughes, D.D.S. | Oregon Health & Science University School of Dentistry; Jeffery Bennett, D.M.D. | Indiana University School of Dentistry; Martin Steed, D.D.S. | Medical University of South Carolina James B. Edwards College of Dental Medicine*

In many of our dental schools, clinical faculty are uncomfortable managing common medical emergencies. This is troubling as they are the first-line defense in creating a culture of safety during patient care activities. Dental school faculty benefit from hands-on training in medical emergencies that they may encounter on the clinic floor. Continued advancements in simulation technology now make it possible to provide a realistic environment for individuals to be trained in this domain. This session will provide both education and hands-on practice in managing medical emergencies, while also helping faculty to develop emergency training programs in their respective institutions.

CE Credits: 1.5, 90 Minute Workshop

10:30 a.m. – noon

**LD-014 Mentoring Magic
CCC-Room Mile High 1E-F**

Presenter(s): *Yun Saksena, B.D.Sc., D.M.D., M.M.Sc. | Tufts University School of Dental Medicine; Maureen McAndrew, D.D.S., M.S.Ed. | New York University College of Dentistry*

Effective mentoring by faculty can have a profound impact on students during their time in school and have lasting effects throughout a professional career. In this workshop, we will analyze your mentoring style and preferences, and equip you with tools to become more effective in your mentoring relationships. You will have the opportunity to discuss case studies and problem solve through difficult mentor-mentee scenarios. In so doing you will feel more empowered as a mentor. Let's shape tomorrow together.

CE Credits: 1.5, 90 Minute Workshop

10:30 a.m. – noon

**TLCD-053 It Takes a Village to Build
a Synergistic Online Community** **AD**

CCC-Rooms 406/407

Presenter(s): *Ellen J. Rogo, RDH, Ph.D.; Karen Portillo, RDH, M.S. | Idaho State University*

Dental education programs are shaping tomorrow by increasing online course offerings to improve access to and flexibility of the learning environment. However, students experience challenges in this environment, such as feeling isolated and overwhelmed, that can be overcome by strategically designing and managing online courses. The E-Model of learning communities will provide participants with evidence based on a conceptual model of a synergistic learning community, which builds relationships, affective learning and cognitive learning. Using this model, participants will create course design strategies to maximize learning. Furthermore, participants will generate faculty management strategies to sustain the synergistic environment.

CE Credits: 1.5, 90 Minute Workshop

10:30 a.m. – noon

I-1000 Sex and Gender—Institutional Readiness for Women's Health Curriculum Development
CCC-Room 102

Presenter(s): Pamela Zarkowski, J.D., M.P.H. | University of Detroit Mercy School of Dentistry; Henri Roca, M.D. | Central Arkansas Veterans Administration Hospital Services; Shelia Price, D.D.S. | West Virginia University School of Dentistry

Curriculum content for women's health is a work in progress. Dentists need an understanding of basic female physiology and reproductive biology to provide appropriate care to women across a lifespan. They also need to appreciate complex interactions: women's physiology, cognitive function, behavioral changes and psychosocial development; gender differences in health and disease across the life span including epidemiological data; drug actions in women (pharmacokinetics); community health issues related to health promotion and disease prevention; ethical and legal issues that contribute to the health and well-being of women across a lifespan; cultural differences impacting women's health; and family health and provider interactions. This symposium addresses women's health across three dimensions: Integrative Medicine, Ethical and Legal Issues and Oral/Systemic Health.

CE Credits: 1.5, 90 Minute Seminar

10:30 a.m. – noon

I-001 Getting Published in the JDE: Topic and Methodological Considerations
CCC-Room 203

Presenter(s): Marita R. Inglehart, Dipl. Psych., Dr. phil., Dr. phil. habil. | University of Michigan School of Dentistry; Nadeem Karimbux, D.M.D., M.M.Sc. | Tufts University School of Dental Medicine

This workshop is for dental educators at the beginning of their career who want to submit a manuscript to the *Journal of Dental Education (JDE)*. The workshop will inform participants about (a) types of manuscripts published in the *JDE*, (b) topics of interest and (c) methodological considerations in preparing systematic reviews and manuscripts on survey research, including patient-centered outcomes of educational interventions. Participants will discuss examples of articles published in the *JDE* in small groups. By the end, participants will be able to identify a research question of interest to readers of the *JDE* and design the empirical study.

CE Credits: 1.5, 90 Minute Workshop

10:30 a.m. – noon

TLCD-003 Distance and Online Education: What It Is and Is NOT!
CCC-Room Mile High 1A-D

Presenter(s): Lorinda L. Coan, RDH, M.S. | University of Southern Indiana; Don Altman, D.D.S., D.H.S.C., M.P.H., M.B.A., M.A. | A.T. Still University College of Graduate Health Studies; Rebecca Poling, D.D.S., M.S.D. | New York University College of Dentistry; Donna Warren-Morris, RDH, M.Ed.; Victoria Patrounova, RDH, M.H.A. | University of Texas School of Dentistry at Houston; Cynthia C. Amyot, M.S.D.H., Ed.D. | University of Missouri - Kansas City School of Dentistry

Online distance education is not going away. Engage with colleagues in "shaping tomorrow, together" to ensure that students are provided with a quality learning experience. Whether faculty wish to re-imagine courses as flipped, blended or online, this workshop will provide participants with tools and strategies to ensure a quality end result. Principles that make for "good" teaching and learning apply equally regardless of delivery modalities. This workshop includes best practices in "Quality Matters" and rubrics for evaluating the quality of online courses. Exemplary distance education models are presented by faculty panelists with experience in the online distance education arena.

CE Credits: 1.5, 90 Minute Workshop

12:30 – 12:50 p.m.

AO-006 Targeting the Pipeline: Saturday Academy for High School Students **SL**
CCC-Exhibit Hall A

Presenter(s): Lorel Burns, D.D.S.; Cheryline Pezzullo, D.D.S., Mark Makiling, D.D.S. | New York University College of Dentistry

Saturday Academy was founded in 2012 after New York University College of Dentistry students attended an American Dental Association session, "Increasing Diversity to Eliminate Disparities." Many underrepresented students are interested in health professions but often fall off the "pipeline" due to discouragement, lack of resources and lack of mentors. Saturday Academy is for high school students interested in health care careers. It aims to introduce students to the profession of dentistry and give students tools to navigate the college application process. The mission is to increase diversity in dentistry by introducing students to the dental profession before beginning their undergraduate education.

CE Credits: 0, New Ideas Session

12:55 – 1:15 p.m.

TI-110 Modeling Approaches for Automatic Item Generation in Dental Education **SL**

CCC-Exhibit Hall A

Presenter(s): Hollis Lai, Ph.D.; Mark Gierl, Ph.D. | University of Alberta; David Waldschmidt, Ph.D. | American Dental Association

Test development in dental education is a time-consuming and resource-intensive process. Automatic item generation (AIG) is an alternative item development method that allows a small number of content specialists to produce a large number of items by integrating their domain expertise with computer technology. The purpose of our presentation is to describe and illustrate how three different modeling approaches—item cloning, cognitive modeling and image-anchored modeling—can be used to generate large numbers of multiple-choice test items for examinations in dentistry. We will describe the processes and tools required for item generation and discuss the potential research applications for AIG in dental education.

CE Credits: 0, New Ideas Session

2:00 – 2:45 p.m.

LD-102 M3, Mentor-Mentee Match: Mentorship and Faculty Development of Clinician Educators

CCC-Room 101

Presenter(s): Maria Lynn Geisinger, D.D.S., M.S. | University of Alabama at Birmingham School of Dentistry

Mentorship is a powerful tool for faculty development, but most programs focus on mentoring clinician-investigators/researchers versus clinician-educators. The “Mentor Mentee Match” has three components: the mentee, the mentor and the resource framework. The first step is to evaluate the needs of junior faculty members as developing clinician-educators. The second step is to recruit senior clinician-educator mentors and hone their skills through training programs. The third step is to establish a resource framework to support mentor-mentee teams and monitor participant outcomes. Mentorship programs focused on developing clinician-educators can improve faculty satisfaction and productivity and provide a career advancement plan for clinician-educators.

CE Credits: 0, 45 Minute Small Group Discussion

2:00 – 3:00 p.m.

AO-005 Student Clinical Incentive Pilot Project

CCC-Room 303

Presenter(s): David Lazarchik, D.M.D. | Western University of Health Sciences College of Dental Medicine; Jeff Ogden, M.B.A.; Todd Thierer, D.D.S., M.P.H.; Keith Mays, D.D.S., M.S., Ph.D. | University of Minnesota School of Dentistry

Two frequently discussed issues in dental education are: 1) the cost of predoctoral dental education and resulting influences on student debt, and 2) how to improve the overall financial picture of dental schools by maximizing clinic revenue. This presentation addresses both issues by describing a clinical pilot project that incentivizes students to be more productive in clinic, thereby increasing their clinical experiences while maximizing clinical revenue. At the same time, the project allows students to reduce their debt loads while teaching and encouraging them how to be clinically productive, thus preparing them for the challenges and realities of practice after graduation.

CE Credits: 1, 60 Minute Seminar

2:00 – 3:00 p.m.

TLCD-015 An Update on Interprofessional Education Models and Outcomes **SoTL** **CCI**

CCC-Room 401

Presenter(s): Dolores Cannella, Ph.D., M.A.; Mary Truhlar, D.D.S., M.S. | Stony Brook University School of Dental Medicine; Allan Formicola, D.D.S., M.S. | Columbia University College of Dental Medicine; Diane Brunson, RDH, M.P.H. | University of Colorado School of Dental Medicine

Although the importance of interprofessional education (IPE) in dental schools has been recognized and there has been progress in the development of IPE programs, ongoing efforts are needed to evaluate proposed educational models and outcomes. Faculty from Stony Brook University School of Dental Medicine, Columbia University College of Dental Medicine and the University of Colorado School of Dental Medicine will present an innovative IPE model that seeks to provide preventive health, screening and referral services at the “point of care” for vulnerable and underserved populations. In addition, tools and resources for evaluating IPE competencies (knowledge, skills and behaviors) in the clinical setting will be presented.

CE Credits: 1, 60 Minute Seminar

2:00 – 3:00 p.m.

TLCD-1000 Infection Prevention Update and Innovative New CDC Tool—High Stakes for Dental Education

CCC-Room 403

Presenter(s): Leon Assael, D.M.D. | University of Minnesota School of Dentistry; Michele Junger, D.D.S., M.P.H. | Centers for Disease Control and Prevention; Kathy Eklund, RDH M.H.P. | The Forsyth Institute; Therese Long | Organization for Safety, Asepsis and Prevention

The Centers for Disease Control and Prevention (CDC) recently released the Summary of Infection Prevention Practices in Dental Settings: Basic Expectations for Safe Care. This Late-Breaker session will review reports of documented disease transmissions associated with dental settings over the past decade, introduce the new CDC Summary and Checklist and describe their practical application in dental education. Representatives from ADEA, CDC and OSAP will provide context as to why the stakes are so high for the educational community to integrate infection prevention and control throughout the didactic and clinical curriculum.

CE Credits: 1, 60 Minute Seminar

2:00 – 3:00 p.m.

TLCD-091 Implementation of Computer-based Testing With ExamSoft: A Case Study

CCC-Room 405

Presenter(s): Teresa I. Kuhlman; Meixun Zheng, Ph.D.; Daniel Bender, Ed.D. | University of the Pacific, Arthur A. Dugoni School of Dentistry

In recent years, there has been increasing interest among health sciences institutions in implementing computer-based testing to replace paper-and-pencil testing. However, little has been known about best practices and outcomes of its implementation. The goals of this presentation are to share one dental school's experience in implementing ExamSoft, a standardized computer-based testing system, and its initial outcomes. You will learn the staggered process, policies and best practices of ExamSoft implementation, a layered approach to faculty, staff and student training, as well as methods to measure faculty and student uses and experience with the new testing system.

CE Credits: 1, 60 Minute Seminar

2:00 – 3:30 p.m.

AV-003 ADEA Chair of the Board of Directors Symposium—Cultural Consideration in Health Care Practice **LIAA**

CCC-Room Mile High 1A-D

Presenter(s): Ezinne Ogbureke, B.D.S., D.M.D.; Nicole Holland, D.D.S., M.S.; Kalu U.E. Ogbureke, B.D.S., M.Sc., D.M.Sc., J.D.; Cleverick D. Johnson, M.S., D.D.S. | University of Texas School of Dentistry at Houston

Changing U.S. demographics, a competitive health care market and federal/state discrimination laws necessitate cultural considerations for efficient delivery of care. Language, culture and literacy are key factors influencing health care delivery. Although health care providers are not expected to be experts in cultures norms to be effective in delivering quality health care, anticipation and sensitivity to the possibility of potential cultural and linguistic norms of patients will improve the health literacy of increasing culturally diverse communities, avoid misunderstandings, and guide providers toward a more personalized patient care. This symposium discusses how knowledge of some pertinent cultural peculiarities/norms may foster dental care in multicultural settings.

CE Credits: 1.5, 60 Minute Workshop

2:00 – 3:00 p.m.

I-2003 How to Submit a Poster

CCC-Room 113

Presenter(s): David Paquette, D.M.D., M.P.H., D.M.Sc. | East Carolina University School of Dental Medicine

Sharing our work in a public venue with peers enlarges our own understanding in the field, encourages new questions of inquiry, allows us to mentor others and provides networking to learn best practices or lessons learned. It is a vital component of our professional development and an essential measure for promotion. Whether it is a program/poster submission to a professional organization or a manuscript to a journal, our work is peer-reviewed. What exactly are reviewers looking for and how does a submitter receive feedback? In this session we will discuss what reviewers look for and how to design your next submission for acceptance.

CE Credits: 1, 60 Minute Seminar



2:00 – 3:30 p.m.

LD-003 Academic Career Day Retreat for Predoctoral Students Funded by the ADEAGies Foundation **LIAA**

CCC-Room 304

Presenter(s): Zsuzsa Horvath, Ph.D.; Christine Wankiiri-Hale, D.M.D. | University of Pittsburgh School of Dental Medicine; Karen Novak, D.D.S., M.S., Ph.D. | University of Texas School of Dentistry at Houston; Michelle Wheeler, Ph.D. | University of Detroit Mercy School of Dentistry

This session will present a project funded by the ADEAGies Foundation that addresses the projected shortage of academic dentists. In order to educate students about academic careers, three partnering institutions—the University of Pittsburgh School of Dental Medicine, the University of Texas School of Dentistry at Houston and the University of Detroit Mercy School of Dentistry—created the ADEAGies Academic Career Day Retreat. The goal of this session is to disseminate the materials and resources from the retreat in a format that allows other dental schools to use and/or modify them for their own institutional settings and needs.

CE Credits: 1.5, 90 Minute Seminar

2:00 – 3:30 p.m.

TLCD-018 Blended Learning in Pediatric Dental Education **SoTL** **LIAA**

CCC-Room 402

Presenter(s): Serena Kassam, D.M.D.; Amr M. Moursi, D.D.S., Ph.D.; Neal G. Herman, D.D.S., FAAHD | New York University College of Dentistry

Recent literature suggests that current adult learners benefit from an interactive learning environment. This symposium will discuss the incorporation of blended learning into a four-year pediatric dental curriculum. We began with a pilot project to determine whether students improved their knowledge after experiencing blended learning in an introductory pediatric dental course. Students viewed video modules and completed self-assessment questions online, learning foundational material and assessing their knowledge before class. In-class time was used for case-based interactive teaching. The blended learning students performed significantly better than traditional students; however, this teaching modality presented several conceptual and logistical challenges.

CE Credits: 1.5, 90 Minute Seminar

2:00 – 3:30 p.m.

TLCD-069 Using the Mind, Not Just the Memory: Engagement Through Technology

SoTL **CCI** **AD**

CCC-Room 404

Presenter(s): Jane L. Forrest, Ed.D., RDH; Jane L. Forrest, Ed.D., RDH; Syrene A. Miller | Herman Ostrow School of Dentistry of USC

A challenge to educators is preparing students to become good consumers of the research literature and critical thinkers, prerequisites for evidence-based practice and life-long learning. This workshop is designed to showcase how a class can be transformed by incorporating stimulating and interactive lessons using online technology, educational apps and new resources to engage students. You will learn how to structure effective strategies that promote learning for Millennials and beyond. Detailed rubrics, critical thinking and student reflective questions are discussed to show the documentation of the students' progression from novice to competent decision-maker. Student perspectives also will be shared.

CE Credits: 1.5, 90 Minute Seminar

2:00 – 3:30 p.m.

TLCD-033 The Infusion of Critical Thinking in a Clinical Setting **SoTL** **AD**

CCC-Room Mile High 406-407

Presenter(s): Lizabeth A. Spoons, RDH, M.S. | Texas Woman's University; Carolyn Ray, RDH, M.Ed. | University of Oklahoma College of Dentistry

Dental faculty often struggle with giving students instruction in a clinical setting that fosters critical thinking. The Commission on Dental Accreditation for both dental hygiene and dental students sets standards for demonstration of competence in critical thinking and problem solving. As educators we are mandated to ensure our students graduate with the ability to critically think and problem solve in the delivery of comprehensive care to the patient. This workshop will explore ideas and teaching methods that promote the use of knowledge gained in the classroom and how that base of knowledge translates into the clinical setting.

CE Credits: 1.5, 90 Minute Workshop

2:00 – 3:30 p.m.

LD-008 Shaping Tomorrow, Together Through Effective Performance Management for Administrators **LIAA**

CCC-Room 201

Presenter(s): David Dunning, M.A., Ph.D.; Tim Durham, D.D.S., M.P.A.; Brian Lange, M.A., Ph.D. | University of Nebraska Medical Center College of Dentistry; Mert N. Aksu, D.D.S., J.D., M.H.S.A. | University of Detroit Mercy School of Dentistry

Building upon a previously funded ADEA project pool study and two prior related faculty development workshops at ADEA Annual Sessions, this updated workshop will enliven the 2016 theme of “Shaping Tomorrow, Together.” In small groups, workshop participants will evaluate and discuss the performance appraisal practices and performance management systems used in their dental schools, and then create a plan with the advice of their peers to develop or enhance specific strategies for performance appraisal/management systems for administrators.

CE Credits: 1.5, 90 Minute Workshop

2:00 – 3:30 p.m.

TLCD-039 Shaping Tomorrow’s Culturally Competent Dentist

CCC-Room 203

Presenter(s): Joe Vuthiganon, D.M.D.; Willette S. Burnham, Ph.D.; Beata DaNine Fleming, Ed.D., David W. Howell, M.B.A. | Medical University of South Carolina James B. Edwards College of Dental Medicine

As our appreciation and awareness of diversity continue to grow, training culturally competent dentists has become an increasingly important goal. In this program, presenters will discuss how the collaborative cultural competency program at the James B. Edwards College of Dental Medicine at the Medical University of South Carolina has evolved to meet these changing needs and engage dental students throughout the curriculum. Participants will experience first-hand several of the components of the program, including interactive activities designed to help students appreciate diversity and the importance of teamwork and a module on providing culturally sensitive care to the LGBTQ community.

CE Credits: 1.5, 90 Minute Workshop

2:00 – 3:30 p.m.

TLCD-057 Engaging Students for Active Learning in Curriculum Delivery and Assessment **SoTL**

CCC-Room 205

Presenter(s): Tracy de Peralta, D.M.D., Ph.D., M.Clin. Ed.; Margherita Fontana, D.D.S., Ph.D.; Mark Fitzgerald, D.D.S., M.S. | University of Michigan School of Dentistry

This program will raise awareness of the importance of engaging students as adult learners for active learning in both curriculum delivery and assessment strategies used in dental education today. An overview of advances to promote active learning in dental education will be presented. A panel discussion will address current challenges faced in implementation of active learning strategies for larger dental cohorts. This workshop will provide the opportunity for attendees to interactively consider valued and effective learning formats for various learning environments that promote adult learning in dental education today and in the future.

CE Credits: 1.5, 90 Minute Workshop

2:00 – 3:30 p.m.

TICKET TLCD-001B Dental Office Emergency Simulation Lab

CCC-Room 301

Presenter(s): David M. Shafer, D.M.D. | University of Connecticut School of Dental Medicine; Pamela Hughes, D.D.S. | Oregon Health & Science University School of Dentistry; Jeffery Bennett, D.M.D. | Indiana University School of Dentistry; Martin Steed, D.D.S. | Medical University of South Carolina James B. Edwards College of Dental Medicine

In many of our dental schools, clinical faculty are uncomfortable managing common medical emergencies. This is troubling, as they are the first-line defense in creating a culture of safety during patient care activities. Dental school faculty benefit from hands-on training in medical emergencies that they may encounter on the clinic floor. Continued advancements in simulation technology now make it possible to provide a realistic environment for individuals to be trained in this domain. This session will provide both education and hands-on practice in managing medical emergencies, while also encouraging faculty to develop emergency training programs in their respective institutions.

CE Credits: 1.5, 90 Minute Workshop

2:00 – 3:30 p.m.

I-003 Getting Published in the JDE, Part II: How to Write the Perfect Abstract for Articles and Posters

CCC-Room 207

Presenter(s): Nadeem Karimbux, D.M.D., M.M.Sc. | Tufts University School of Dental Medicine; Lynn Whittaker, Ph.D. | ADEA

Writing an effective abstract for your article or poster is essential to communicate your key points and attract readers/viewers. A perfect abstract goes well beyond summarizing in order to fulfill a range of communication, scholarly and marketing purposes. This workshop will give participants concrete guidelines and hands-on experience in achieving those purposes. The first part will briefly review JDE sections and typical parts of a research article. The second part will focus on the purposes, structure and characteristics of an effective abstract, including what should and should not be included depending on type of project and venue (article or poster).

CE Credits: 1.5, 90 Minute Workshop

2:00 – 3:30 p.m.

I-009 Fellows' Presentation From the ADEA Summer Program for Emerging Academic Leaders

CCC-Room 302

Presenter(s): Tobias Rodriguez, Ph.D. | AAL; Joanne L. Prasad, D.D.S.; Zsuzsa Horváth, Ph.D. | University of Pittsburgh School of Dental Medicine; Jompobe Vuthiganon, D.M.D.; Elizabeth Schuler, D.M.D. | Medical University of South Carolina James B. Edwards College of Dental Medicine; Olin Fields Farrior, D.M.D.; Vasiliki Maseli, D.D.S., M.S. | University of New England College of Dental Medicine; Archana Viswanath, B.D.S., MDentSc; Tanya Wright, D.D.S. | Tufts University School of Dental Medicine; Robin E. Reinke, D.D.S., M.P.A., University of Nevada, Las Vegas, School of Dental Medicine; Ralph Cooley, D.D.S., University of Texas Health Science Center at Houston School of Dentistry; Mary Bertone, RDH, M.P.H. | University of Manitoba College of Dentistry; William R. Bachand, D.D.S. | Georgia Regents University College of Dental Medicine

This session will showcase the efforts of Fellows from the 2015 ADEA Summer Program for Emerging Academic Leaders. Each 15-minute presentation within the symposium represents collaborative research conducted by the Fellows during their time in the year-long program. The overall goal of this session is to highlight emerging trends and initiatives

within academic dentistry, the profession and at ADEA member institutions. Topics will address professional development, curriculum and leadership endeavors.

CE Credits: 1.5, 90 Minute Seminar

3:00 – 3:20 p.m.

TLCD-135 Emotional Intelligence, Mindfulness and Tomorrow's Practitioner LIAA

CCC-Exhibit Hall A

Presenter(s): Frances Emelia Sam, D.D.S. | Howard University College of Dentistry

In recent years, emotional intelligence (EI) and its usefulness as a predictor in clinical performance has been explored. Although we may understand the concept of emotional intelligence, there has been limited discussion around how to improve it. The practice of mindfulness has been inextricably linked to EI and may be an effective way to cultivate this highly important characteristic in our student and professional populations. In an increasingly complex world, we must use all available tools to enhance professionalism while maintaining our balance, as well as impart this much needed knowledge to tomorrow's practitioners.

CE Credits: 0, New Ideas Session

3:00 – 3:45 p.m.

TLCD-1005 Dental Hygiene Program Director Positions: Job Characteristics and Compensation Trends

CCC-Room 101

Presenter(s): Kathryn Bell, B.S.D.H., M.S.; Amy E. Coplen, B.S.D.H., M.S. | Pacific University

In the fall of 2015, a survey of program directors (PDs) was conducted to collect job characteristic and compensation data about PD positions in dental hygiene education. Survey questions addressed job duties and expectations, working hours, compensation and benefits, difficulties in filling open faculty positions, and anticipated retirement. During this small group presentation, results from this survey will be presented. The group discussion will focus on the looming faculty shortage and current challenges facing dental hygiene education leadership. Strategies for recruitment and development of qualified program directors to fill upcoming vacancies will also be discussed.

CE Credits: 0, 45 Minute Small Group Discussion

3:45 – 4:05 p.m.

TLCD-023 Teacher Power **SoTL**
CCC-Exhibit Hall A

Presenter(s): *Lincoln Edwards, D.D.S., Ph.D. | University of Texas School of Dentistry at Houston*

Teachers are managers of their classrooms and as such they have the power to influence student behavior, which is referred to as “teacher power.” In this workshop, we will examine five aspects of teacher power which are exhibited within the classroom. It is beneficial to the performance of our students that faculty cultivate as many of these traits as possible. Come and discover the power inherent in you to change lives and shape tomorrow. At the conclusion of this seminar, participants will have an opportunity to perform a self-assessment of their teacher power.

CE Credits: 0, *New Ideas Session*

4:00 – 4:45 p.m.

TLCD-042 Infant Oral Health Education for Medical and Dental Health Professionals
CCC-Room 101

Presenter(s): *Fouad Salama, B.D.S., M.S. | King Saud University*

We hypothesize that viewing educational presentations with video will provide medical and dental health professionals with instructive information on infant oral health (IOH). Therefore, the purpose of this study was to evaluate an IOH education program for family medicine residents and dental interns and to assess if this intervention would improve their knowledge regarding the provision of IOH assessment. A questionnaire was completed immediately before and after an educational intervention. We concluded that the educational intervention used to educate family medicine residents and dental interns was effective in improving their knowledge and teaching them basic information on IOH.

CE Credits: 0, *45 Minute Small Group Discussion*

4:00 – 5:30 p.m.

I-013 ADEA Chair of the Board of Directors Symposium—This Is What Change Looks Like
CCC-Room Mile High 1A-D

Presenter(s): *Denise Kassebaum, D.D.S., M.S. | University of Colorado School of Dental Medicine; Ken Kalkwarf, D.D.S., M.S. | University of Texas Health Science Center at San Antonio School of Dentistry; Nadeem Karimbux, D.M.D., M.M.Sc. | Tufts University School of Dental Medicine; Karen Novak, D.D.S., M.S., Ph.D. | University of Texas School of Dentistry at Houston*

During this interactive symposium, participants will hear from founding ADEA Commission on Change and Innovation in Dental Education (ADEA CCI) members who share recollections of what academic dentistry looked like pre-2005 and reflect upon the impact of the changes they helped foster. Participants will hear from members of the newly emergent ADEA CCI. The Commission will discuss current forces that impact health care and the changes necessary in dental education to prepare future dental practitioners for a rapidly evolving yet ambiguous environment. Participants will discuss the changes they believe need to happen to bring some consensus to how dental education can ensure a progressive future.

CE Credits: 1.5, *90 Minute Workshop*

4:00 – 5:00 p.m.

I-111 Match: What You Need to Know
CCC-Room 207

Presenter(s): *Yolanda R. Jones | ADEA; Jonah Peranson | National Matching Services, Inc.*

This session provides an overview of The Postdoctoral Dental Matching Program (the Match) process and highlights key activities for applicants and programs to be successful in the Match. The Match provides a fair and efficient process to place applicants into positions for the first year of training in GPR, AEGD, OMS, ORTHO, PED and ANES residencies. The Match allows applicants and programs to rank all of their desired placements and guarantees that they will obtain the most preferred placement available to them.

CE Credits: 1, *60 Minute Seminar*

4:00 – 5:00 p.m.

RT-104 Living Together: Leveraging Campus Partnerships to Enhance Giving
CCC-Room 401

Presenter(s): Elizabeth Wilson, M.S.; John Valenza, D.D.S.; David Cox, D.D.S. | University of Texas Health Science Center at San Antonio School of Dentistry; Desi Nuckolls | The Procter & Gamble Company

Alumni engagement and fundraising have become part of the job for nearly everyone who works for a university. However, an ever-increasing donor pool that becomes more segmented over time means that no one person can be wholly effective working alone. To be truly successful, development and alumni professionals must have many different partners, from deans and faculty to corporate friends and alumni. In this program, you will hear real-life examples and learn best practices from a diverse group of presenters who have all experienced first-hand how working together can multiply success.

CE Credits: 1, 60 Minute Seminar

4:00 – 5:00 p.m.

TLCD-076 Comprehensive Patient Care: Incorporating and Teaching Four-handed Dentistry **SoTL** **AD**
CCC-Room 404

Presenter(s): Kenneth L. Allen, D.D.S., M.B.A.; David L. Glotzer, D.D.S.; Barbara Smith, CDA | New York University College of Dentistry; Patricia Capps, CDA, RDH, M.S. | Indiana University School of Dentistry

As part of a comprehensive educational program, predoctoral dental students should learn and be exposed to the benefits of four-handed dentistry. The literature clearly describes the improved efficiency, productivity and ergonomics of four-handed dentistry. The ideal educational program will include: 1) lectures/seminars, 2) simulation training, 3) clinical exposure and 4) peer/self-assessment. This session will review how four-handed dentistry is taught at two different academic institutions and how it could be incorporated at your school.

CE Credits: 1, 60 Minute Seminar

4:00 – 5:30 p.m.

TI-002 CAD/CAM-How 20th Century Instructors Empower 21st Century Students **SL**
CCC-Room 304

Presenter(s): Harold Haering, D.M.D.; Denise Mills, D.D.S., M.H.A.Ed.; Bradford Smith, D.D.S. | Midwestern University College of Dental Medicine-Arizona

20th century faculty can teach 21st century dentistry! While indirect fixed prosthetic dentistry is taught using traditional techniques involving impressions, Midwestern University College of Dental Medicine-Arizona (CDMA) is preparing dental graduates incorporating CAD/CAM technology that will be widely used in general dentistry. Beginning in the first year, students are taught CAD/CAM techniques in the simulation clinic along with traditional indirect techniques. Third- and fourth-year students in the CDMA teaching clinic routinely use CAD/CAM dentistry. CDMA has adopted a CAD/CAM Competency that students must pass for graduation.

CE Credits: 1.5, 90 Minute Seminar

4:00 – 5:30 p.m.

TLCD-021 Rwanda's First Dental School: International Collaboration Meets the Challenges **LIAA**
CCC-Room 402

Presenter(s): Sawzan Salih, B.D.S., M.P.H.; Jane Barrow, M.S. | Harvard School of Dental Medicine; Muhumuza Ibra, B.D.S., D.D.P.H.R.C.S., M.Sc. | University of Rwanda College of Medicine and Health Sciences; Valli Meeks, D.D.S., M.S., RDH | University of Maryland School of Dentistry

Facilitated by the Rwanda Human Resources for Health program, the collaborative efforts of the Harvard School of Dental Medicine and the University of Maryland School of Dentistry have assisted the first dental school in Rwanda to achieve its objectives. The University of Rwanda College of Medicine and Health Sciences School of Dentistry, established in 2014, aims to raise the standard of the delivery of oral health care through community outreach and interprofessional collaboration. This session highlights the challenges and difficulties the collaborating partners faced in a resource-limited setting and illustrates best practices.

CE Credits: 1.5, 90 Minute Seminar

4:00 – 5:30 p.m.

TLCD-024 Teaching and Learning With Emerging Technologies and Informatics: Short Talks **LIAA**

AD

CCC-Room 406-407

Presenter(s): Maureen McAndrew, D.D.S., M.S.Ed.; Elise S. Eisenberg, D.D.S., M.A. | New York University College of Dentistry; Jeff Gutkin, Ph.D. | Rutgers, The State University of New Jersey, School of Dental Medicine; Heiko Spallek, D.M.D., Ph.D., MSBA(CIS) | University of Pittsburgh School of Dental Medicine

Short Talks, an innovative approach for the Annual Session, will succinctly update members of the dental education community with exciting developments and emerging issues, and will foster collaboration as we explore teaching and learning with emerging technology and informatics. Join us for this exciting exploration into the future of health care education.

CE Credits: 1.5, 90 Minute Seminar

4:00 – 5:30 p.m.

AO-004 Shaping the Future of Dental Providers: A Pipeline to Diversity **LIAA**

CCC-Room 201

Presenter(s): Eugenia E. Mejia, Ph.D., M.A., M.Ed.; Lorel Burns, D.D.S. | New York University College of Dentistry; Rosa Chaviano-Moran, D.M.D. | Rutgers, The State University of New Jersey, School of Dental Medicine; Norma I. Poll-Hunter, Ph.D. | Association of American Medical Colleges; Deirdre D. Young, D.D.S. | University of Detroit Mercy School of Dentistry

The dental applicant pool remains homogeneous, limiting service provided to underrepresented populations. Pipeline programs are one method of diversifying the applicant pool by exposing students to dentistry, strengthening their academic backgrounds and providing mentoring opportunities, thus mitigating the effects of health care disparities. However, when discussing the future of accreditation of oral health care programs, educators seeking to meet the new standards set forth by CODA struggle to implement effective programs. This workshop will provide an overview of several successful pipeline programs, share best practices in bridging the dental shortage area gaps, and address health and learning disparities among diverse populations.

CE Credits: 1.5, 90 Minute Workshop

4:00 – 5:30 p.m.

TLCD-077 Course Design: Pedagogical Approaches to Implementing the New CODA Standards **SoTL**

CCC-Room 203

Presenter(s): Jennipher Murphy, M.S.Ed.; Tofool Alghanem, D.D.S., M.S., B.D.S. | Tufts University School of Dental Medicine

Lecture continues to be the primary teaching format in higher education, which renders students passive recipients. With the 21st century workplace transformation through technologies, collaboration and globalization, institutions are faced with the challenge of preparing students for an interactive environment. The Commission on Dental Accreditation (CODA) released standards for dental education institutions based on the new workplace skills. Hence, courses that teach new pedagogical methods implementing the new standards, including communication, teamwork, leadership, critical thinking and self-assessment skills are required. This session is designed for participants who want to learn specific pedagogy implementing new standards using active learning/ teamwork strategies.

CE Credits: 1.5, 90 Minute Workshop

4:00 – 5:30 p.m.

TLCD-094 Shaping Students' Learning Environment Through Clinical Integrated Examinations, Together

CCC-Room 205

Presenter(s): Angela Broome, D.D.S., M.S.; V. Wallace McCarlie, M.A., D.M.D., Ph.D.; Linc Conn, D.D.S., M.P.H.; R. Todd Watkins, D.D.S. | East Carolina University School of Dental Medicine

How are you assessing students' clinical decision-making skills? A form of an Objective Structured Clinical Examination in dental education, the Clinical Integrated Examination (CIE) provides an opportunity to assess students in an environment that requires much higher-level reasoning than traditional assessments. In this interactive, 90-minute workshop you will learn how to better prepare students and assess their performance in diagnosis and clinical decision-making through the development of CIEs. Best practices in developing free-response and multi-response CIEs will be shared with you.

CE Credits: 1.5, 90 Minute Workshop

4:00 – 5:30 p.m.

TLCD-089 How Marijuana Legislation Is Shaping Tomorrow
CCC-Room 303

Presenter(s): Victoria Patrounova, RDH, M.H.A. | University of Texas School of Dentistry at Houston; Sean LeNoue, M.D. | University of Colorado; Joan M. Davis, Ph.D, RDH | Southern Illinois University Carbondale

With recent legal changes regulating marijuana, dental professionals see more patients who admit to using cannabis, and this trend may continue to grow with legislative changes. Dental professionals generally lack the knowledge and skills to counsel these patients on the harmful health effects of its use. We will look at evidence-based indications for medical use, its potential for addiction or habituation, oral and systemic health effects and strategies for appropriate intervention in a dental setting on the use of marijuana.

CE Credits: 1.5, 90 Minute Seminar

 4:00 – 5:30 p.m.

TLCD-001C Dental Office Emergency Simulation Lab
CCC-Room 301

Presenter(s): David M. Shafer, D.M.D. | University of Connecticut School of Dental Medicine; Pamela Hughes, D.D.S. | Oregon Health & Science University School of Dentistry; Jeffery Bennett, D.M.D. | Indiana University School of Dentistry; Martin Steed, D.D.S. | Medical University of South Carolina James B. Edwards College of Dental Medicine

In many of our dental schools, clinical faculty are uncomfortable managing common medical emergencies. This is troubling as they are the first-line defense in creating a culture of safety during patient care activities. Dental school faculty benefit from hands-on training in medical emergencies that they may encounter on the clinic floor. Continued advancements in simulation technology now make it possible to provide a realistic environment for individuals to be trained in this domain. This session will provide both education and hands-on practice in managing medical emergencies, while also encouraging faculty to develop emergency training programs in their respective institutions.

CE Credits: 1.5, 90 Minute Workshop

8:30 – 9:45 a.m.

I-247 Political Spotlight—Double Perspective:
Howard Dean and Michael Gerson
CCC-Mile High 2,3,4

Sponsored by the ADEA Corporate Council

Presenter(s): *Howard Dean; Michael Gerson*

With 2016 a presidential election year, the Political Spotlight at the 2016 ADEA Annual Session & Exhibition will provide twice the political analysis in a point-counterpoint format with Howard Dean and Michael Gerson.

Howard Dean's campaign for the U.S. Presidency and subsequent four years as Chairman of the Democratic National Committee have provided him an insider's view and a reformer's commitment to the economy, foreign trade policy and international relations. His 12 years as Governor and Chairmanship of the National Governor's Association have given him a vast knowledge of domestic issues. His presentation brings the current debates into focus and offers a look at the impact the economy, budget deficit, health care and the future of Social Security and Medicare are having on the country. He is a frequent contributor to MSNBC.

Michael Gerson is a nationally syndicated columnist who appears twice weekly in *The Washington Post* and nearly 100 other newspapers. He is author of *Heroic Conservatism* (HarperOne, 2007) and co-author of *City of Man: Religion and Politics in a New Era* (Moody, 2010). He appears regularly on the *PBS NewsHour*, *Face the Nation* and other programs. Mr. Gerson serves as Senior Advisor at ONE, a bipartisan organization dedicated to the fight against extreme poverty and preventable diseases. Until 2006, he was a top aide to President George W. Bush as Assistant to the President for Policy and Strategic Planning.

CE Credits: 1

10:30 – 11:15 a.m.

AO-001 Application Review and Interview Process for Residency Programs
CCC-Room 101

Presenter(s): *Barbara MacNeill, M.S., D.M.D., FAGD | University of Texas Health Science Center at San Antonio School of Dentistry*

Program directors from all residency programs have been challenged with reviewing applications and selecting residents with seemingly diminishing information about the student. The National Board Dental Examinations are pass/fail, and multiple schools are no longer ranking students or are using

pass/fail systems. Finding methods of assessing students and their ability to succeed in residency programs is becoming more difficult. The interview process is becoming more crucial to the selection process, but it is still a fallible process. This session will facilitate discussion among various residency programs concerning techniques used during their application review and interview process during resident selection.

CE Credits: 0, 45 Minute Small Group Discussion

10:30 – 11:30 a.m.

TLCD-046 Integrating Oral Health and Primary Care: Transforming Classrooms and Clinics
CCC-Room 113

Presenter(s): *Judith Haber, Ph.D., APRN, BC, FAAN | New York University College of Nursing; Renee Joskow, D.D.S., M.P.H., FAGD | U.S. Public Health Service; Anita Glicklen, M.S.W. | National Interprofessional Initiative on Oral Health, University of Colorado School of Medicine; Donald Weaver, M.D. | The National Association of Community Health Centers*

Access to dental care remains a public health challenge, especially for vulnerable populations. The importance of collaboration between dental and primary care professionals has long been seen as a successful method to increase access to care. The release of the Health Resources and Services Administration report on Integrating Oral Health and Primary Care Practice coincides with the growing momentum and commitment to interprofessional oral health curriculum development, core oral health clinical competencies dissemination, early detection and preventive interventions and translating implementation strategies into primary care practice.

CE Credits: 1, 60 Minute Seminar

10:30 – 11:30 a.m.

I-002 Reshaping the Role of Dental Hygiene in a Hospital Setting **AD**
CCC-Room 302

Presenter(s): *Michele Carr, RDH, M.S. | The Ohio State University College of Dentistry; Tammy Swecker B.S.D.H., M.Ed. | Virginia Commonwealth University School of Dentistry; David Shafer, D.M.D. | University of Connecticut School of Dental Medicine; Heidi Crow, D.M.D., M.S. | University at Buffalo School of Dental Medicine*

Is oral care and assessment a component in the hospital setting? Can hospital patients benefit from dental hygiene services? Through the collaboration of COHAEP and CADPD a survey was deployed to assess the current and potential use of dental hygienists within

hospital settings and residency programs. This session will discuss the findings as well as share best practices in academic programs that include a collaboration between hospital dentistry and dental hygiene.

CE Credits: 1, 60 Minute Seminar

10:30 – 11:30 a.m.

TLCD-065 Microaggression, Intersectionality and Validation: Social Equity and Dental Education

AD SL

CCC-Room 403

Presenter(s): *Gwen Essex, RDH, M.S., Ed.D.; Julia Goldstein | University of California, San Francisco, School of Dentistry*

As the face of dentistry continues to evolve, as a result of inclusive, holistic admissions practices, learners from nontraditional pathways are entering dental education. How can faculty and administration ensure support and validation of these newer dental professionals? What are the emerging needs of minority learners on your campus? What are microaggressions, how are they damaging, and how can they be avoided? What can you do, as an advocate or ally, to support underrepresented students at your school, and why might that be important to dentistry? This session will address these questions in a safe, inclusive and interactive environment.

CE Credits: 1, 60 Minute Seminar

10:30 – 11:30 a.m.

TLCD-031 The EHR: A Teaching Tool in the Simulation Lab **CCI**

CCC-Room 203

Presenter(s): *David L. Glotzer, D.D.S.; Kenneth L. Allen, D.D.S., M.B.A.; Sharon Perelman, D.D.S., M.M.I.; Mark S. Wolff, D.D.S., Ph.D. | New York University College of Dentistry*

The electronic health record (EHR) can be used for more than clinical record keeping. Participants will learn how EHR training/experience and case-based simulation are incorporated in the D2 Restorative Program to better prepare predoctoral students for the clinic. Case-based patient simulation scenarios were expanded in scope, introducing the EHR in each aspect of “patient” care. Participants will learn how students’ competency, caries risk assessment skills and ability to record completion of their daily performance are now all monitored by the EHR. Challenge examinations are graded using the EHR competency format, with critical errors tracked by student, procedure or faculty evaluator.

CE Credits: 1, 60 Minute Workshop

10:30 a.m. – noon

TLCD-1003 ADEA Chair of the Board of Directors Symposium—Dental Student Stress: Causes, Costs and Strategies to Promote Resilience

CCC-Mile High 1A-D

Presenter(s): *Ellen Patterson, M.D.; Christina Pastan, D.M.D. | Tufts University School of Dental Medicine*

Research shows that dental professionals often experience high levels of stress during training and beyond. In response, there has been growing interest in dental school-based wellness initiatives, but what do we really know about how to support healthy behaviors and foster emotional resilience in dental school? To address these questions, the presenters will summarize the literature on dental student stress and its consequences and will provide examples of promising and innovative interventions to combat the toxic effects of stress and burnout. A panel discussion will give symposium participants an opportunity to consider innovative solutions to these challenging issues.

CE Credits: 1.5, 90 Minute Workshop

10:30 a.m. – noon

I-104 The Changing Landscape of Dentistry: Education, Practice and the Federal Government

CCC-Room 401

Presenter(s): *Peter Damiano, D.D.S., M.P.H. | University of Iowa Public Policy Center; Lynn Mouden, D.D.S., M.P.H. | Centers for Medicare and Medicaid Services*

Provisions of the Affordable Care Act (ACA), signed into law by President Obama in March 2010, are currently being implemented. Experts on the ACA and the legal implications of the Supreme Court’s ruling on its constitutionality will provide an informative update with an emphasis on the provisions of importance to academic dentistry and the profession of dentistry.

CE Credits: 1.5, 90 Minute Seminar

10:30 a.m. – noon

TI-003 Innovative Approaches for Teaching With Technology: Engaging Today’s Learners **CCI**

CCC-Room 201

Presenter(s): *Barry Hammond; Kevin D. Plummer, D.D.S. | Dental College of Georgia at Augusta University; Christian S. Stohler, D.M.D. | Columbia University College of Dental Medicine; Heiko Spallek, D.M.D., Ph.D., MSBA(CIS) | University of Pittsburgh School of Dental Medicine*

Traditional stand-and-deliver lectures often leave much to be desired when used as the dominant

instructional strategy. Students learn best when they are engaged and required to actively participate in their own learning process. In this program, you will learn innovative methods using technology to supplement instruction and enhance comprehension for today's generation of students. Incorporating active learning methods by embracing new technology will not only benefit your students, but also advance your career through the scholarship of teaching and learning.

CE Credits: 1.5, 90 Minute Seminar

10:30 a.m. – noon

TLCD-058 Not Another Millennial Talk: An In-depth Exploration of Today's Professional Students

CCC-Room 303

Presenter(s): Annette M. McMurry, J.D.; Jami N. Conway, M.A. | *The Ohio State University College of Dentistry*; Patricia Xirau-Probert, Ph.D. | *University of Florida College of Dentistry*; Staci L. Ripkey, Ed.M., M.A. | *New York University College of Dentistry*

The world is rapidly changing. No longer “light” travelers, today's students come to us with their luggage often overflowing. Are we, as educators, making the changes necessary to effectively educate and support tomorrow's professionals? To better serve our students, we must understand who our students are and how to support them as they face challenges throughout dental school. This session will explore today's students through the lens of admissions, financial aid and student affairs officers, and examine which factors affect student success. Participants will engage in a discussion focused on resources and support services designed to develop resilient professionals.

CE Credits: 1.5, 90 Minute Seminar

10:30 a.m. – noon

AO-002 Current Innovations in Postgraduate Dental Education **CCI**

CCC-Room 304

Presenter(s): Tobias Rodriguez, Ph.D. | *AAL*; Kelton Stewart, D.D.S., M.S. | *Indiana University School of Dentistry*; Shreekrishna Akilesh, D.M.D., M.P.H. | *New York University Lutheran Medical Center*

Numerous factors have impacted the way dental residency programs operate and function. Changes such as the reporting of board scores, and the adoption of the pass/fail grading systems have driven many programs to alter their standard procedures in order to better evaluate their

applicants and residents. This series of short talks will showcase several advanced education programs and the innovative methods they are adopting in response to their admissions needs, selection criteria and evaluation of residents.

CE Credits: 1.5, 90 Minute Seminar

10:30 a.m. – noon

TLCD-037 Shaping Tomorrow: Student Perspectives of the Teaching and Learning Process **SL** **AD**

CCC-Room 404

Presenter(s): Kathi R. Shepherd, RDH, M.S.; Rami Nazarian; Abdulla Mahmud; Benjamin Underwood, D.D.S. | *University of Detroit Mercy School of Dentistry*; Ammar Alsmawi | *The University of Iowa College of Dentistry & Dental Clinics*

In 2006, the ADEA Commission on Change and Innovation in Dental Education emphasized the need for dental institutions to prepare students to enter the practice of dentistry as professionals, informed citizens and enlightened leaders in a changing health care system. Educating future dental professionals for these roles can be challenging given the changing landscape of students, faculty and the educational environment. This student led session will allow participants to enhance student engagement with the goal of creating an atmosphere that facilitates not only greater success with the teaching and learning process but also preparing successful professionals for the future.

CE Credits: 1.5, 90 Minute Seminar

10:30 a.m. – noon

TLCD-056 Engaging Community Organizations: Promoting Veterans' Oral Health and Employability **LIAA**

CCC-Room 405

Presenter(s): Karen Yoder, Ph.D., M.S.D. | *Indiana University School of Dentistry*; Denise Kassebaum, D.D.S., M.S. | *University of Colorado School of Dental Medicine*; Patricia E. Arola, D.D.S., M.H.A., FAGD, FACHE | *U.S. Department of Veterans Affairs Office of Dentistry*; Sheela Raja, Ph.D. | *University of Illinois at Chicago College of Dentistry*

Military veterans who return from service with emotional and economic challenges often have inadequate access to dental services. A limited percentage of veterans are eligible for subsidized dental services through the Veterans Health Administration (VA). This seminar will provide

educators with program descriptions implemented by dental and dental hygiene schools in cooperation with veterans' and community agencies with the goal of improving oral health and employability for low-income and homeless veterans. Information on recent, pertinent legislation and eligibility for VA services will be provided. Techniques will be described for improving clinical encounters and providing successful dental services for individuals with posttraumatic stress disorder.

CE Credits: 1.5, 90 Minute Seminar

10:30 a.m. – noon

TLCD-200 Faculty Communication and Calibration: Past, Present and Future
CCC-Rooms 406/407

Presenter(s): Shika Gupta, D.D.S. | University of the Pacific, Arthur A. Dugoni School of Dentistry; Michael J. Metz, D.M.D., M.S.D., M.S., M.B.A. | University of Louisville School of Dentistry; Romesh P. Nalliah, B.D.S. | University of Michigan School of Dentistry

Faculty are key to the success of an institution. Well-calibrated faculty create excellent student and patient experiences. Historically, calibration is the process of training faculty to teach students using consistent principles. However, presenters will posit that calibration is a broader issue that involves reducing sources variability for students. This session will showcase for dental educators the nuances of implementing sustainable faculty calibration programs. A new comprehensive calibration model will be reviewed with session recommendations. The use of an audience response system as a real-time assessment tool for formative feedback will be presented along with success rates.

CE Credits: 1.5, 90 Minute Seminar

10:30 a.m. – noon

I-1011 Introducing ADEA weTeach—Your Resource for Teaching, Learning and Assessment
CCC-Mile High 1E-F

Presenter(s): Michelle Wheeler, Ph.D. | University of Detroit Mercy School of Dentistry; Ryan Quock, D.D.S. | University of Texas School of Dentistry at Houston; Diane Hoelscher, D.D.S., M.S. | ADEA

ADEA weTeach is a user-friendly gateway to high-quality educational resources accessible directly through adea.org. ADEA weTeach provides resources for dental, allied dental and other health educators with an emphasis on “how to” best practices for teaching, learning and assessment. This session will explain the purpose

and scope of weTeach and its unique relationship with MedEdPORTAL. Bring your laptop, tablet or smartphone and take a tour of the site and download resources. Do you have a great teaching resource you would like to share? This session will also provide information on how to submit to weTeach through MedEdPORTAL. Health care faculty at any stage of their careers will be able to benefit from resources in ADEA weTeach.

CE Credits: 1.5, 90 Minute Workshop

10:30 a.m. – noon

TLCD-041 Incorporating Oral Health Into Primary Care: An IPE/IPC Collaboration **LIAA**
CCC-Room 205

Presenter(s): Mark Fitzgerald, D.D.S., M.S.; Howard A. Hamerink, D.D.S.; Bill Piskorowski, D.D.S. | University of Michigan School of Dentistry; Michelle Pardee, DNP, FNP-BC | University of Michigan School of Nursing

Interprofessional education (IPE) has become increasingly more prominent in our health care profession curricula. However, opportunities in practice-based settings are few and far between. Creating and implementing predictable experience-based IPE opportunities in an interprofessional care environment is challenging but can be achieved. An example of such a program developed and implemented through collaboration between two health care professional schools and a federally qualified health care clinic using a standardized model will be presented, along with preliminary data on outcomes of care and impact on participants. Lessons learned and guidance for developing additional opportunities will be discussed.

CE Credits: 1.5, 90 Minute Workshop

10:30 a.m. – noon

TLCD-011 Engage Early, Engage Often: Strategies for Shaping Tomorrow's Students Together **SoTL** **AD**
CCC-Room 207

Presenter(s): Lorinda L. Coan, RDH, M.S.; Lorinda L. Coan, RDH, M.S. | University of Southern Indiana; Joyce C. Hudson, RDH, M.S. | Ivy Tech Community College

Research shows that the more actively engaged students are with college faculty and staff, other students and the subject matter they study, the more likely they are to learn and persist toward achieving academic goals. Student engagement is a valuable “yardstick” for assessing to what extent an institution is employing educational practices that lead to benchmark outcomes (such as more

students across all subgroups graduating and matriculating to degree completion or graduate and post-doctoral programs). This workshop will actively engage the audience in developing an action plan to assist curricular enhancement. Each benchmark will be addressed by best practice examples.

CE Credits: 1.5, 90 Minute Workshop

TICKET 10:30 a.m. – noon

TLCD-001D Dental Office Emergency Simulation Lab

CCC-Room 301

Presenter(s): David M. Shafer, D.M.D. | University of Connecticut School of Dental Medicine; Pamela Hughes, D.D.S. | Oregon Health & Science University School of Dentistry; Jeffery Bennett, D.M.D. | Indiana University School of Dentistry; Martin Steed, D.D.S. | Medical University of South Carolina James B. Edwards College of Dental Medicine

In many of our dental schools, clinical faculty are uncomfortable managing common medical emergencies. This is troubling as they are the first-line defense in creating a culture of safety during patient care activities. Dental school faculty benefit from hands-on training in medical emergencies that they may encounter on the clinic floor. Continued advancements in simulation technology now make it possible to provide a realistic environment for individuals to be trained in this domain. This session will provide both education and hands-on practice in managing medical emergencies, while also encouraging faculty to develop emergency training programs in their respective institutions.

CE Credits: 1.5, 90 Minute Workshop

10:55 – 11:15 a.m.

TLCD-047 Integrating Technology to Improve Education: Medical Emergencies With Simulation Manikins **SoTL**

CCC-Exhibit Hall A

Presenter(s): Klud Razoky, B.D.S., NZDREX | Arizona School of Dentistry & Oral Health

Student feedback speaks to a lack of comfort and confidence when running medical emergencies. The technology exists and can be incorporated into the dental school curriculum beginning the first year. Subsequent modules are introduced with more complexity to enhance the recognition and management of medical emergencies. Translating didactic information into simulation scenarios mimicking common medical emergencies offers a

fun and interactive environment. Student surveys have shown this experience to be a positive educational encounter. The integration of technology into the curriculum can improve dental education, provide experiential learning opportunities and increase student confidence in the management of medical emergencies.

CE Credits: 0, New Ideas Session

11:20 – 11:40 a.m.

TLCD-062 Coaches Rewind: Teaching With Video in the Clinic **SoTL**

CCC-Exhibit Hall A

Presenter(s): Tammy R. Sanderson, RDH, M.S.D.H. | Idaho State University

In the NFL, a coach who disagrees with a call can request a review of the play with the instant replay challenge system. As a coach in the clinic, what if a student challenges your feedback or does not understand a concept? Could the instant replay be used to address these challenges? Video can be used to help educators provide feedback and instruction to students in the clinic. In this session you will explore ideas for implementing video and various apps that can be used to help shape tomorrow's clinicians.

CE Credits: 0, New Ideas Session

11:25 a.m. – 12:10 p.m.

TLCD-093 Implementing an Oral Health Literacy Program in the Dental Curriculum

CCC-Room 101

Presenter(s): Ana Neumann, D.D.S., M.P.H., Ph.D.; Deborah Franklin, D.D.S., M.A. | University of Texas School of Dentistry at Houston

This session will focus on discussing the development and implementation of an oral health literacy program as part of a collaboration established between the University of Texas School of Dentistry at Houston and local community dental clinics. We will discuss strategies to engage students and partners on this initiative. The session will also describe how this project promotes the education and training of future dental professionals on the topic of oral health literacy, appropriate communication and the use of plain English language in dental education.

CE Credits: 0, 45 Minute Small Group Discussion

11:45 a.m. – 12:05 p.m.

**TLCD-029 Teaching Tooth Preparation
Using Individualized Virtual Models** **SoTL**
CCC-Exhibit Hall A

Presenter(s): Michael J. Metz, D.M.D., M.S.D., M.S., M.B.A.; Jang-Ching Chou, D.D.S., M.S.; Wei-Shao Lin, D.D.S. | University of Louisville School of Dentistry

This session presents methods for teaching tooth preparation using individualized virtual models made using free, open-source software. We will demonstrate a workflow for generating 3D virtual models. The workflow involves preparing a dentoform tooth, scanning it using a dental laboratory scanner and editing it using free, open-source 3D graphics software. Participants will be able to download a free application on their smart phones (Android or iOS) to view the 3D models.

CE Credits: 0, New Ideas Session

12:10 – 12:40 p.m.

**TLCD-005 Drawn Into Teaching:
Using Comics to Teach Dentistry**
CCC-Exhibit Hall A

Presenter(s): Rafat Amer, D.M.D., M.S. | The Ohio State University College of Dentistry

Comic books have been used to teach complex topics such as algebra, physics, biology and biochemistry, among other “serious” topics. This workshop offers the opportunity to think creatively and broadly about how cartoons or comic book formats can be used by dental educators to teach serious dental topics.

CE Credits: 0, New Ideas Session

1:30 – 3:00 p.m.

**LD-111 Women Leaders’ Pathways to Success:
Opportunities and Challenges** **LIAA**
CCC-Room 405

Presenter(s): Karen P. West, D.M.D., M.P.H. | University of Nevada, Las Vegas, School of Dental Medicine; Phyllis L. Beemsterboer, M.S., Ed.D. | Oregon Health & Science University School of Dentistry; Marsha Pyle, D.D.S., M.Ed. | University of Missouri - Kansas City School of Dentistry; Ann M. Boyle, D.M.D., M.A. | Arizona School of Dentistry & Oral Health

Recent attention to assessing the continuing barriers to the advancement of women into executive leadership positions causes reflection on the scientific literature and the truths of women leaders’ experiences. Is leadership progression a non-starter

in certain circumstances? Does the glass ceiling still exist? This symposium will address the realities of the entire leadership process for women in the beginning of the 21st century and consider potential pitfalls that millennial hopefuls may encounter. Through a panel discussion and interactive audience process, the session will explore and compare historical facts about progress in women’s leadership and the realities of their experiences.

CE Credits: 1.5, 90 Minute Seminar

1:30 – 2:15 p.m.

**TLCD-092 Implementation of
Standardized Patients in Orofacial Pain
Interprofessional Education**
CCC-Room 101

Presenter(s): Yoly M. Gonzalez-Stucker, D.D.S., M.S., M.P.H.; Heidi C. Crow, D.M.D., M.S. | University at Buffalo School of Dental Medicine

The use of standardized patients in education is a tool that allows the utilization of structured clinical scenarios to teach and evaluate health care providers’ clinical skills and behaviors. More so, this model can be a vehicle to reinforce interprofessional collaboration. The implementation of standardized patient cases permits a joint assessment and interaction between the “dentist” and “psychiatric nurse practitioner” allowing both health care providers to recognize the relevance of the physical and psychosocial domains in a dual axis model, giving them the opportunity to discuss the treatment approach for the patient.

CE Credits: 0, 45 Minute Small Group Discussion

1:30 – 2:30 p.m.

**TLCD-002 Designing an Interprofessional
Student-led Leadership Program in Oral Health** **AD**
CCC-Room 304

Presenter(s): Olivia Ziegler, M.S., PA | Physician Assistant Education Association; Anita Glick, M.S.W. | National Interprofessional Initiative on Oral Health, University of Colorado School of Medicine

The Physician Assistant Leadership Initiative in Oral Health is forging innovative medical-dental collaborations. Community service learning and interprofessional leadership have been key components of this work. The Physician Assistant Education Association (PAEA) has developed an Interprofessional Leadership Program (ILP) designed to build student leadership skills in oral health. The

ILP is a year-long initiative to grow collaboration, advocacy, community networking and engagement skills. This session will include a panel discussion describing various strategies for developing and implementing an ILP program and engage participants in discussion of how to apply these concepts to foster student-led initiatives at their own institutions.

CE Credits: 1, 60 Minute Seminar

1:30 – 2:30 p.m.

TLCD-080 Let's Listen to Students

About Effective Teaching Methodologies SoTL

LIAA SL

CCC-Room 403

Presenter(s): Robert Spears, Ph.D., M.S.; Mason Borth | University of Texas School of Dentistry at Houston; Chandler Choate | Texas A&M University Baylor College of Dentistry

The literature is rife with publications on best methods for engaging students in didactic and preclinical teaching. Many faculty employ innovations and technology to improve the learning environment. However, most still use the standard lecture format or other methods that do little to engage students in their learning, and usually students have not been involved in the planning and implementation of more effective teaching strategies. This session will focus on two students presenting their perspective on effective teaching strategies at their institutions and summarize national trends of teaching modalities that are effective at various dental schools.

CE Credits: 1, 60 Minute Seminar

1:30 – 2:30 p.m.

TLCD-113 Basic Dental Principles Program LIAA

CCC-Room 404

Presenter(s): Greg Asatrian | University of California, Los Angeles, School of Dentistry

Basic Dental Principles (BDP) is a program founded by students at the University of California, Los Angeles, School of Dentistry, with the dual purpose of nurturing aspiring dental academics and educating predental students and those interested in dentistry. BDP is designed to provide an arena for dental students to develop a teaching style under faculty support and mentorship. The course has grown into a team of 17 student-lecturers, providing over 30 hours of lecture and 24 hours of laboratory training to over 150 predental students and those interested in dentistry. We seek to highlight the overall structure

of BDP, as well as give insight into how to begin a BDP program at other institutions.

CE Credits: 1, 60 Minute Seminar

1:30 – 2:30 p.m.

TLCD-090 "I'll Take Dentistry for 500"—Playing Jeopardy for Educational Review

CCC-Room 207

Presenter(s): Gargi Mukherji, D.D.S.; Ralph A. Cooley, D.D.S.; Richard Halpin, M.Ed. | University of Texas School of Dentistry at Houston

Jeopardy is a popular, interactive, educational game show. Over the last year, Dental Jeopardy (created in Articulate Storyline) was introduced to dental students. The goal was to allow students to review critical knowledge in basic sciences as well as dentistry and medicine. Students competed against each other weekly in rotating teams, with students, faculty and administrators participating in the audience. This fun, interactive, educational methodology can also serve to review material presented on national board exams and clinical boards. This workshop will model a Dental Jeopardy session, giving participants the opportunity to play.

CE Credits: 1, 60 Minute Workshop

1:30 – 2:30 p.m.

I-2004 How to Submit a Session

CCC-Room 113

Presenter(s): Vickie Kimbrough, RDH, Ph.D. | Southwestern College

Learn to submit a successful seminar, workshop, new idea or poster. This group discussion will provide professionals insight on how submissions are reviewed and accepted for ADEA's Annual Session by the Annual Session Program Committee.

CE Credits: 1, 60 Minute Seminar

1:30 – 3:00 p.m.

I-186 U.S. Supreme Court Update

CCC-Room 105

Presenter(s): Lisa Soronen, J.D. | State and Local Legal Center; Marina Lao, J.D., L.L.M. | Federal Trade Commission

Past and future decisions of the U.S. Supreme Court could affect various aspects of dental education and the delivery of oral health care. Cases that could have an impact on academic dentistry include the upcoming review of *Fisher v. University of Texas at Austin* (race as a part of holistic admissions), and *North Carolina State Board of Dental Examiners v.*

Federal Trade Commission (tooth whitening by non-dentists). ADEA will have legal experts discuss the cases and the scope and applicability of these cases to academic dentistry.

CE Credits: 1.5, 90 Minute Seminar

1:30 – 3:00 p.m.

LD-013 Faculty Development Marketplace: A Forum for Collaboration LIAA

CCC-Room 303

Presenter(s): Zsuzsa Horvath, Ph.D. | University of Pittsburgh School of Dental Medicine; Judith Jones, D.D.S., M.P.H., D.Sc.D. | Boston University Henry M. Goldman School of Dental Medicine; Natalie Jeong, D.M.D. | Tufts University School of Dental Medicine; Sara Gordon, D.D.S., M.S. | University of Washington School of Dentistry; Rebecca S. Wilder, B.S.D.H., M.S. | University of North Carolina at Chapel Hill School of Dentistry; Ken Tilashalski, D.M.D. | University of Alabama at Birmingham School of Dentistry; Eileen R. Hoskin, D.M.D., Rutgers, The State University of New Jersey, School of Dental Medicine; Kathi R. Shepherd, RDH, M.S. | University of Detroit Mercy School of Dentistry; Cindy Lyon, RDH, D.D.S., Ed.D. | University of the Pacific; Arthur A. Dugoni School of Dentistry; Dr. Susan Paurazas, | University Of Detroit Mercy School of Dentistry

This exploration of faculty development provides each speaker with five minutes to summarize the role and purpose of faculty development at their institution, what programs are offered and how they are assessed. While there are various faculty development efforts across North American dental schools, the work of faculty developers is poorly understood and best practices have not yet emerged. These short presentations will enable participants to spread ideas, provide updates about exciting developments, establish and foster collaboration and trigger joint projects among institutions.

CE Credits: 1.5, 90 Minute Seminar

1:30 – 3:00 p.m.

TLCD-034 The OSCE: A Dynamic Exam That Meets Your Institution's Needs SoTL

CCC-Room 401

Presenter(s): Robert Taylor, D.M.D.; Haley Buchanan | University of Kentucky College of Dentistry; Joseph Parkinson, D.M.D., FAGD | East Carolina University School of Dental Medicine; Pamela Overman, Ed.D. | University of Missouri - Kansas City School of Dentistry

The Objective Structured Clinical Exam (OSCE) has been used in health care education for nearly 40 years. Reports of its use in dentistry began in the

mid-1990s and have increased significantly over the last 10 years. It's listed on the third level of Miller's Pyramid of Professional Competency and has been recognized as a valuable tool in assessing students' skill levels in numerous disciplines and curriculum effectiveness. In this session, you will learn how to design and implement an effective comprehensive preclinical OSCE to meet the needs of your institution in developing curriculum, assessing students and fulfilling CODA standards.

CE Credits: 1.5, 90 Minute Seminar

1:30 – 3:00 p.m.

TLCD-068 Using axiUm Dental Software in a Dental Hygiene Education Program AD

CCC-Room 402

Presenter(s): Lisa J. Rowley, RDH, M.S.; Maria Deming | Pacific University; Kuljit Gandhi | Exan Group

Although more than 80% of North American dental schools use axiUm dental software, dental hygiene programs have been slow to adopt axiUm, presumably due to cost and limited technology support. The dental hygiene program at Pacific University has successfully used axiUm for the past eight years. Participants will learn how a dental hygiene program implemented axiUm, the level of campus and vendor support needed and benefits derived from using axiUm. Presenters will show a variety of reports generated through axiUm and discuss how this information is used to improve patient treatment, student learning and compliance with accreditation standards.

CE Credits: 1.5, 90 Minute Workshop

1:30 – 3:00 p.m.

TLCD-038 ADEA Chair of the Board of Directors Symposium—Shaping Tomorrow's Oral Physicians:

Two Approaches to Curricular Reform CCI

CCC-Mile High 1 A-D

Presenter(s): Sara Gordon, D.D.S., M.S.; Joel Berg, D.D.S., M.S. | University of Washington School of Dentistry; Sang Park, D.D.S., M.M.Sc.; Bruce Donoff, D.M.D., M.D.; Donald Giddon, D.M.D., Ph.D. | Harvard School of Dental Medicine

Two dental schools, Harvard University in Boston and University of Washington in Seattle, independently launched new curricula in 2015 that aim to develop dentists with exceptionally strong skills in medicine—oral physicians. Each school integrates the biomedical curriculum for preclinical dental students, and each school plans a clinical

clerkship approach to clinical training. Learn about the features these programs share and how they differ. Discover how each school planned and implemented its new curriculum, and what lessons for the future they have learned. Engage with your colleagues in a discussion of the merits and challenges of such an approach.

CE Credits: 1.5, 90 Minute Seminar

1:30 – 3:00 p.m.

TLCD-006 eBooks: Engaging Students in the Digital Era **SL**

CCC-Room 203

Presenter(s): Jonathan Chodroff; Roseanna Graham, D.D.S., M.A., Ph.D. | Columbia University College of Dental Medicine

Traditional textbooks are becoming all but obsolete at many medical and dental schools throughout the country. This has led educators to look for new ways to organize their curricular content and create materials to effectively teach and engage students. Participants in this session will learn how to create and publish their own interactive eBooks that can be used for laboratory and clinical manuals as well as to teach subjects ranging from dental anatomy to endodontics. This session will focus on how proven educational strategies can be merged with the use of eBooks to create dynamic learning environments.

CE Credits: 1.5, 90 Minute Workshop

1:30 – 3:00 p.m.

TLCD-070 Virtually Shaping Tomorrow's Professionals Together **CCI**

CCC-Room 205

Presenter(s): Gail Childs, RDH, M.P.H.; Roberta Pileggi, D.D.S., M.S.; Patricia Xirau-Probert, Ph.D. | University of Florida College of Dentistry

Rapid advances in technology, social media and online education have raised concerns about student engagement and their ability interacting with patients. In CODA's Standard 2-15, dental programs must describe ways by which students demonstrate effective interpersonal communication skills during patient interviews. This workshop will describe how one dental school in collaboration with their Department of Computer and Information Sciences developed a virtual patient to assess students' clinical management of the patient and their communication skills. During the workshop student outcome measures will be presented (IRB approved) and participants will interact with a disadvantaged special needs patient on laptops.

CE Credits: 1.5, 90 Minute Workshop

TICKET 1:30 – 3:00 p.m.

TLCD-001E Dental Office Emergency Simulation Lab

CCC-Room 301

Presenter(s): David M. Shafer, D.M.D. | University of Connecticut School of Dental Medicine; Pamela Hughes, D.D.S. | Oregon Health & Science University School of Dentistry; Jeffery Bennett, D.M.D. | Indiana University School of Dentistry; Martin Steed, D.D.S. | Medical University of South Carolina James B. Edwards College of Dental Medicine

In many of our dental schools, clinical faculty are uncomfortable managing common medical emergencies. This is troubling, as they are the first-line defense in creating a culture of safety during patient care activities. Dental school faculty benefit from hands-on training in medical emergencies that they may encounter on the clinic floor. Continued advancements in simulation technology now make it possible to provide a realistic environment for individuals to be trained in this domain. This session will provide both education and hands-on practice in managing medical emergencies, while also encouraging faculty to develop emergency training programs in their respective institutions.

CE Credits: 1.5, 90 Minute Workshop

3:30 – 4:30 p.m.

RT-001 Implant Education Needs to Meet Generalist Care in Today's World

CCC-Room 302

Presenter(s): Clark M. Stanford, D.D.S., Ph.D. | University of Illinois at Chicago College of Dentistry

The advent of oral implant therapy has been one of the most significant therapeutic interventions in the past thirty years of dentistry. The impact on dental education has been to blend education in the restorative therapy with surgical therapies and bridges the roles of specialty to generalist care. On the surgical placement and management, dental education has been slow to embrace predoctoral education. As time has progressed, it has become obvious that the generalist community is displacing specialists in the surgical aspect of implant therapy and thus it is time for dental education to address this with a deployment plan to address this need.

CE Credits: 1, 60 Minute Seminar

3:30 – 4:30 p.m.

**RT-100 Advancing Dental Therapy
Education: Minnesota Meets Rwanda
CCC-Room 401**

Presenter(s): Karl Self, D.D.S., M.B.A. | University of Minnesota School of Dentistry; Agnes Gararayiha, B.D.T. | University of Rwanda College of Medicine and Health Sciences; Sawsan Salih, B.D.S., M.P.H. | Harvard School of Dental Medicine; Karl Self, D.D.S., M.B.A. | University of Minnesota School of Dentistry

The practice of dental therapy varies from country to country based on scope of practice and educational requirements approved by local governing authorities. While dental therapy education is very different in Minnesota and Rwanda, they both have employment-related and health care delivery issues that led them to create an educational “bridge” program. This session will use these two bridge programs as case studies for an audience discussion on the educational merits of these programs. The session will also facilitate audience interaction around future trends in allied dental health education as dental therapy adoption continues in the United States.

CE Credits: 1, 60 Minute Seminar

3:30 – 4:30 p.m.

**TLCD-115 Building Bridges and Bonds:
Cultivating a Humanistic Dental School
Environment
CCC-Room 405**

Presenter(s): Patricia Xirau-Probert, Ph.D.; Venita Sposeetti, D.M.D.; Shannon M. Wallet, Ph.D. | University of Florida College of Dentistry

Today's students are more diverse, lead lives centered around technology, face complex psychosocial issues and are saddled with more debt than ever before. Faculty struggle to balance these changing needs and the requirement to develop skilled professionals. The gap between faculty and student expectations seems wider than ever, resulting in miscommunication and conflict. This workshop offers results from a college-wide initiative to address these issues, through strengths assessments and conflict resolution strategies. This workshop will use active learning strategies to engage the audience and includes the results of the program evaluation.

CE Credits: 1, 60 Minute Seminar

3:30 – 5:00 p.m.

**TLCD-153 Promoting Postgraduate Specialty
Level Education With Honors Programs
CCC-Room 303**

Presenter(s): Carlos Barrero, D.D.S., M.S.; Robert F. Wright, D.D.S., FACP | University of North Carolina at Chapel Hill School of Dentistry; Carl Driscoll, D.M.D., FACP | University of Maryland School of Dentistry; Rand F. Harlow, D.D.S. | University of Illinois at Chicago College of Dentistry

Despite the recent increase in applicants to advanced education programs in prosthodontics, honors programs are still being used to promote advanced specialty education at the predoctoral level. Honors programs are vital instruments that enable dental students to experience a postgraduate specialty residency while allowing them to increase their skills and knowledge under the supervision of highly trained faculty.

CE Credits: 1.5, 90 Minute Seminar

3:30 – 5:00 p.m.

**LD-005 Navigating the Financial, Business
and Legal Landmines in Dental Education
CCC-Room 304**

Presenter(s): Pamela Zarkowski, J.D., M.P.H.; Mert N. Aksu, D.D.S., J.D., M.H.S.A. | University of Detroit Mercy School of Dentistry; Robert M. Trombly, D.D.S., J.D. | Arizona School of Dentistry & Oral Health

Dental educators interested in leadership development need to understand the complexities associated with managing the educational enterprise. Increasingly, dental leaders are faced with business, financial and legal situations requiring a keen ability to manage issues and decisions. This session will give developing leaders a glimpse into complexities of the educational enterprise. Participants will work with guided scenarios involving university/community business issues, financial planning, and legal resolutions. Participants will be given foundation knowledge concepts, and guided through several situations that will sharpen attendees' abilities to spot issues, understand concepts and apply basic principles while improving their business, financial and legal literacy.

CE Credits: 1.5, 90 Minute Seminar



3:30 – 5:00 p.m.

TLCD-082 Faculty Calibration: An Essential Process for Shaping Future Competent Professionals

CCC-Room 402

Presenter(s): Kathi R. Shepherd, RDH, M.S.; Maureen VanHook, RDH, M.S. | University of Detroit Mercy School of Dentistry

In any competency-based curriculum, faculty must be calibrated to provide a reliable method of assessing student performance in order to predict their success as future clinicians. Research on faculty instruction suggests calibration workshops and review of students' course evaluations, coupled with curriculum review and faculty development programs, are effective strategies for improving continuity of faculty evaluation techniques. This session will involve the presentation of a calibration process including structured development and review of clinical instrumentation performance criteria, the use of rating instrumentation videos generated by students via cell phone technology and the analysis of pre and post training scores.

CE Credits: 1.5, 90 Minute Seminar

3:30 – 5:00 p.m.

TLCD-088 Growth/Fixed Mindset Research: How It Applies to Dental Education

SoTL AD SL

CCC-Room 403

Presenter(s): Judy Skelton, RDH, M.Ed., Ph.D.; Karen P. West, D.M.D., M.P.H. | University of Nevada, Las Vegas, School of Dental Medicine; Haley Buchanan | University of Kentucky College of Dentistry

Research into a relatively simple but powerful concept, mindset, is changing the way educators think about intelligence. Mindsets are beliefs about yourself and your basic qualities. In a fixed mindset, individuals believe their basic intelligence or talent cannot be increased; in a growth mindset, individuals believe their intellectual abilities and talent can be developed through hard work and dedication. Participants will learn about the concept of fixed-versus-growth mindset, self-assess to identify if they have a fixed or growth mindset, identify ways in which this applies to dental education and strategize how to influence the mindset of students.

CE Credits: 1.5, 90 Minute Seminar

3:30 – 5:00 p.m.

TLCD-025 Teaching and Learning: Faculty and Students' Preferences and Challenges **SL**

CCC-Room 404

Presenter(s): Shawheen Saffari | Tufts University School of Dental Medicine; Allison Williams | Indiana University School of Dentistry; Valerie Murrah, D.M.D., M.S. | University of North Carolina at Chapel Hill School of Dentistry; James Lott, D.M.D. | University of Mississippi Medical Center School of Dentistry

U.S. dental schools have engaged in organized efforts toward curriculum change since before 2005, when ADEA formed the Commission on Change and Innovation in Dental Education. MedEdPORTAL and the ADEA/AAL Institute for Teaching and Learning are other contemporary programs that demonstrate the commitment to improve dental education for both students (learning) and faculty (teaching and professional development), and ultimately, the public (patient care). During this session, students and faculty will explore and discuss the advantages and disadvantages of traditional and innovative teaching methods and information and communication technologies, and their use and efficacy in didactic and clinical education.

CE Credits: 1.5, 90 Minute Seminar

3:30 – 5:00 p.m.

TLCD-066 Shaping the Way We Engage Students: #actlearnADEA16 **SoTL**

CCC-Mile High 1E-F

Presenter(s): Angela Broome, D.D.S., M.S.; R. Todd Watkins, D.D.S. | East Carolina University School of Dental Medicine; Tanya M. Gibson, D.D.S.; Cynthia C. Amyot, M.S.D.H., Ed.D. | University of Missouri - Kansas City School of Dentistry; Shawneen M. Gonzalez, D.D.S., M.S. | Oregon Health & Science University School of Dentistry

One of the seven principles of good practices in education as described by Chickering and Gamson is active learning. Active learning is instruction requiring students to engage in the learning process and think about what they are learning. This seminar will explore three different methods (clicker response, Twitter and Yammer) of engaging students. Results of how these interactive methods are perceived by the students and used to help them understand how concepts are interrelated in the classroom will be presented. Lastly, correlations between participation and performance on formative and summative assessments will be explored.

CE Credits: 1.5, 90 Minute Workshop

3:30 – 5:00 p.m.

TLCD-084 Find the Evidence! Teaching Effective Evidence-based Dentistry Searching Skills

CCC-Room 207

Presenter(s): *Gene C. Stevenson, D.D.S., M.S., M.P.H.; Raymond Koeppen, D.D.S., M.S., M.B.A.; Shalizeh A. Patel, D.D.S.; Juliana Barros, D.D.S., M.S. | University of Texas School of Dentistry at Houston*

In this interactive workshop, educators will explore effective strategies for teaching dental students how to find high-quality studies by formulating searchable, well-formed clinical questions consisting of four keywords with applicable synonyms. Primary and secondary databases will be assessed. Avoiding common pitfalls, such as bogus papers and poor research, will be discussed. Participants will have the opportunity to practice these skills and receive feedback from facilitators. Examples of contemporary school curricula, using an online EBD flashcard, along with actual clinical scenarios, assignments, workshops and student presentations, will demonstrate how to teach searching skills that can easily be incorporated into existing coursework.

CE Credits: 1.5, 90 Minute Workshop

 3:30 – 5:00 p.m.

TLCD-001F Dental Office Emergency Simulation Lab

CCC-Room 301

Presenter(s): *David M. Shafer, D.M.D. | University of Connecticut School of Dental Medicine; Pamela Hughes, D.D.S. | Oregon Health & Science University School of Dentistry; Jeffery Bennett, D.M.D. | Indiana University School of Dentistry; Martin Steed, D.D.S. | Medical University of South Carolina James B. Edwards College of Dental Medicine*

In many of our dental schools, clinical faculty are uncomfortable managing common medical emergencies. This is troubling, as they are the first-line defense in creating a culture of safety during patient care activities. Dental school faculty benefit from hands-on training in medical emergencies that they may encounter on the clinic floor. Continued advancements in simulation technology now make it possible to provide a realistic environment for individuals to be trained in this domain. This session will provide both education and hands-on practice in managing medical emergencies, while also encouraging faculty to develop emergency training programs in their respective institutions.

CE Credits: 1.5, 90 Minute Workshop

3:30 – 5:00 p.m.

I-005 Facilitating ADEA/AAL Alumni Collaboration to Shape Tomorrow

CCC-Room 201

Presenter(s): *Felicia Tucker-Lively, Ph.D. | AAL*

Each year at the ADEA Annual Session & Exhibition, more and more alumni of ADEA/AAL partnership programs gather for additional professional development. Far from novices, these individuals are among the most accomplished dental educators and continue to strive to achieve even better outcomes for their institutions. The ADEA/AAL Alumni Program at the 2016 ADEA Annual Session & Exhibition will gather these accomplished, engaged individuals to collaborate on solutions to issues they identify as the most critical to dental education's future. They will share ideas and resources during the program and develop strategies to continue this teamwork long after the meeting in Denver.

CE Credits: 1.5, 90 Minute Workshop

3:30 – 5:30 p.m.

TLCD-079 Creating CODA-compliant Grading Rubrics That Assess Competency and Proficiency

CCC-Room 205

Presenter(s): *Stephen C. Mitchell, D.M.D., M.S.; Sonya T. Mitchell, D.M.D., M.S.H.A. | University of Alabama at Birmingham School of Dentistry*

Dental schools must demonstrate to CODA that their graduates achieve an acceptable level of performance labeled "competence," but designing assessment methods to measure this can be challenging. Additionally, many dental educators desire graduates to perform beyond competence (the minimum acceptable) and progress toward proficiency (excellence). The presenters' preparation for a 2014 CODA Site Visit resulted in improvements to grading rubrics in restorative and pediatric dentistry at the University of Alabama at Birmingham School of Dentistry. This session will present lessons learned writing Standard 2.23 self-study and lead participants through a process for creating rubrics that measure competency and proficiency while linking to institutional curricular goals.

CE Credits: 1.5, 90 Minute Workshop

8:00 – 8:45 a.m.

TLCD-050 Interactive Teaching Techniques Using an Innovative ePortfolio Assessment System **SoTL**

CCC- Room 101

Presenter(s): Sang Park, D.D.S., M.M.Sc. | Harvard School of Dental Medicine

This innovative session is aimed at dental educators who wish to learn new interactive techniques to improve learners' engagement through student-centered learning modality. The new program can provide students the foundation needed to function as a competent and reflective dental provider of comprehensive patient-centered care. The ePortfolio assessment system is composed of case review logs, competency progression, clinic journals, and case presentations to capture the various stages of the clinical program. The session will describe the development and implementation of an interactive education program using the e-Portfolio assessment system to engage students in developing self-directed learning and self-assessment skills.

CE Credits: 0, 45 Minute Small Group Discussion

8:00 – 9:00 a.m.

TLCD-055 Changing the Face of Basic Science Teaching in Dental Education **SoTL**

CCC-Room 302

Presenter(s): Dharini van der Hoeven, M.Sc., Ph.D.; Lincoln Edwards, D.D.S., Ph.D. | University of Texas School of Dentistry at Houston; Bruce Gitter, Ph.D. | Indiana University School of Dentistry

Teaching basic sciences in a dental school has become increasingly challenging. Students view basic sciences as a necessary obstacle they have to survive before embarking on the more important clinical sciences. Many students tend to have a negative attitude toward basic sciences, and some even question the relevance of basic sciences and the necessity of learning all those "facts." The objective of this seminar is to discuss teaching methods to make basic science learning riveting and relevant. This seminar will focus on pedagogical methods that support a practical, engaging and integrated basic biomedical sciences curriculum.

CE Credits: 1, 60 Minute Seminar



8:00 – 9:00 a.m.

LD-001 Implementation of a Robust, Portable, Non-Proprietary Promotion/Tenure Portfolio System **CCI**

CCC-Room 304

Presenter(s): James L. Borke, Ph.D.; Alex L. Lee, D.M.D.; Tobias K. Boehm, D.D.S., Ph.D. | Western University of Health Sciences College of Dental Medicine

Outdated criteria traditionally used for promotion and tenure are inadequate for evaluation of faculty whose contributions to the academic enterprise are innovative, unique or otherwise outside the traditional criteria. For this reason, the Western University of Health Sciences College of Dental Medicine has designed and implemented a robust P&T portfolio system that allows for the input of novel and divergent contributions to teaching, scholarship and service in multiple and multimedia platforms. This system has the capacity to evolve with changes in faculty job descriptions and is fully portable and nonproprietary for both the faculty member and the institution.

CE Credits: 1, 60 Minute Seminar

8:00 – 9:00 a.m.

LD-010 Thelma and Louise Become Dental Faculty **LIAA**
CCC-Room 401

Presenter(s): Maureen McAndrew, D.D.S., M.S.Ed.; Ivy Peltz, D.D.S., M.S.Ed., Ph.D. | New York University College of Dentistry

Female dental faculty continue to struggle to achieve parity in academia, although women comprise almost half of U.S. dental graduates, 27% of dental practitioners and 34% of dental faculty. Barriers include the institutional environment and unconscious biases. Two faculty offer tips on embarking on a career in dental academia, discuss opportunities and challenges faced and share lessons learned. Potential road maps to navigate work and family balance will also be suggested. This presentation will encourage women beginning a career in dental education and will serve as a valuable resource for female junior faculty who are interested in furthering their careers.

CE Credits: 1, 60 Minute Seminar

8:00 – 9:00 a.m.

AV-004 Money Where the Mouth Is: Addressing Socio-determinants in Dental Clinics **CCI**
CCC-Room 402

Presenter(s): Romesh P. Nalliah, B.D.S. | University of Michigan School of Dentistry; Peggy Timothe, D.D.S., M.P.H. | Harvard School of Dental Medicine

In 2000, the first Surgeon General's Report on Oral Health emphasized that oral health disparities exist by socioeconomic status, geographic location, gender, age and for many racial and ethnic groups. Yet in almost two decades, there have been limited improvements in the social and economic factors which can eliminate these differences. The session will demonstrate the structure of successful programs at two separate institutions that influence positive oral health behaviors among vulnerable populations. Participants will reflect on their existing programs at their own schools and discuss how to further develop their respective programs.

CE Credits: 1, 60 Minute Seminar

8:00 – 9:00 a.m.

TLCD-020 Quality Improvement: Using QI Data to Improve Clinical Education
CCC-Room 201

Presenter(s): Melanie E. Mayberry, D.D.S., M.S.; Sal Cutino, D.D.S. | University of Detroit Mercy School of Dentistry

High-quality education and patient care are outcomes that every dental school strives to demonstrate. However, many organizations fail to define what is considered "quality." In addition there often is a lack of correlation of quality improvement (QI) clinical data with clinical education performance, initiatives and patient outcomes. This session will teach participants an approach to QI for data collection and how such data can be used to improve clinical education and patient outcomes. Presenters will also discuss the difference between quality assurance and continuous quality improvement.

CE Credits: 1, 60 Minute Workshop

8:00 – 9:30 a.m.

TLCD-106 A Unique Interdisciplinary Collaboration in Shaping Tomorrow's Clinicians
CCC-Room 303

Presenter(s): Faisal A. Quereshey, D.D.S., M.D., FACS; Zina Kaleinikova, D.D.S., M.S., D.M.D.; Alfredo Hernandez, D.D.S., M.S. | Case Western Reserve University School of Dental Medicine

A variety of challenges have been encountered in teaching implant dentistry in previous years in our institution. To overcome these barriers, we have created a multidisciplinary faculty team to restructure the curriculum for improved comprehensive implant education. Our course includes not only traditional didactic methods from all specialties but also hands-on workshop and group learning activities. The feedback from our graduated students has been very positive, and we would like to share our experiences with our colleagues from other institutions.

CE Credits: 1.5, 90 Minute Seminar

8:00 – 9:30 a.m.

TLCD-026 Teaching Evidence-based Dentistry: What Factors Make a Difference?

CCC-Room 403

Presenter(s): *Rajesh V. Lalla, D.D.S., Ph.D. | University of Connecticut School of Dental Medicine; Analia Veitz Keenan, D.D.S.; Silvia Spivakovsky, D.D.S. | New York University College of Dentistry*

A number of dental schools have launched courses in evidence-based dentistry (EBD) for dental students. Programs to train dental faculty are also being implemented. A number of factors can influence the design and success of such courses and training programs. These factors include class size, faculty size and pedagogical methods used. This educational session will present the teaching strategies and underlying pedagogical principles used at two U.S. dental schools that differ significantly in class/faculty size and use different techniques to teach EBD. This session will be of interest to those colleagues conducting educational programs in EBD.

CE Credits: 1.5, 90 Minute Seminar

8:00 – 9:30 a.m.

TLCD-027 Teaching Innovations in the Biomedical Sciences: Short Talks **SoTL** **CCI**

CCC-Room 404

Presenter(s): *Alison F. Doubleday, Ph.D. | University of Illinois at Chicago College of Dentistry; Penprapa Klinkhachorn, Ph.D. | West Virginia University of Health Sciences; Cameron B. Jeter, Ph.D. | University of Texas School of Dentistry at Houston; Sara Halmi; Roseann Rayyan; Michelle Wheeler, Ph.D.; Maha K. Ahmad | University of Detroit Mercy School of Dentistry; Elizabeth Andrews | Western University of Health Sciences College of Dental Medicine; Josh Polanski | University of Nevada, Las Vegas, School of Dental Medicine*

The biomedical sciences constitute foundational knowledge within dental education. Student mastery of this material is essential for passing board examinations and for progression to clinical training. As more institutions move toward integrated curricula, initiatives to integrate this knowledge with clinical training have become increasingly important. There has been a corresponding push to incorporate new technologies into the classroom. This seminar, consisting of a series of five-minute short talks, will highlight teaching innovations in the biomedical sciences. These presentations and the subsequent discussions will provide a valuable source of support, mentorship and creative inspiration to colleagues at institutions undergoing similar changes.

CE Credits: 1.5, 90 Minute Seminar

8:00 – 9:30 a.m.

LD-006 Shaping Powerful Support Programs That Create an Inclusive Environment **LIAA**

CCC-Room 405

Presenter(s): *Frederick G. More, D.D.S., M.S.; Staci L. Ripkey, Ed.M., M.A.; Chelsea Fullerton, M.Ed. | New York University School of Medicine; Yale Cho | University of Chicago College of Dentistry*

This workshop will share best practices around creating a humanistic, inclusive environment for dental students who are lesbian, gay, bisexual and/or transgender (LGBT). By broadening the definition of inclusion to recognize and empower historically underrepresented groups and include those who have been marginalized due to their gender or sexuality, we can move the dental profession toward meeting the demands of accreditation standards and the needs of the public. This seminar will show how to create the context for a humanistic environment for LGBT students through mentorship, support and culture change by working intentionally across many areas of the institution.

CE Credits: 1.5, 90 Minute Seminar

8:00 – 9:30 a.m.

TLCD-008 Educating Students and Faculty About Care for Transgender Patients **LIAA**

CCC-Room 203

Presenter(s): *Anne Koch, D.M.D. | Harvard School of Dental Medicine; Marita R. Inglehart, Dipl.Psych., Dr. phil., Dr. phil. habil.; Kenneth Hillenburg, D.D.S., M.S. | University of Michigan School of Dentistry; Stephen Rassi, Ph.D. | University of Michigan Health Center*

A recent survey showed that coverage of transgender-related issues is almost nonexistent in U.S. dental school and dental hygiene curricula. This workshop introduces the audience to educating future dental care providers and educators on this topic by providing three distinct perspectives. First, a retired dental educator who is a transwoman offers the perspective of a person who transitioned. Second, a clinical psychologist at the University of Michigan Center for the Study of Gender provides an introduction to the research on medical and psychosocial transgender-related issues. Finally, a dental educator with a trans son provides the perspective of a family member.

CE Credits: 1.5, 90 Minute Workshop

8:00 – 9:30 a.m.

TLCD-028 Teaching Students to Manage Difficult Clinical Conversations: Interactive Educational Techniques

CCC-Room 205

Presenter(s): Sheela Raja, Ph.D. | University of Illinois at Chicago College of Dentistry; Stuart Schrader, Ph.D. | Indiana University School of Dentistry; Rita DeBate, Ph.D., M.P.H. | University of South Florida; Linda Centore, Ph.D., APRN | University of California, San Francisco, School of Dentistry

Many dental educators struggle with teaching students how to effectively conduct clinical interviews that include socially stigmatized and potentially embarrassing topics such as eating disorders, substance abuse, child and elder abuse and/or HIV/HPV. During this session, you will learn how to apply innovative educational methodologies for teaching students how to effectively manage difficult patient conversations. You will learn how to implement online clinical cases, OSCEs with simulated patients and interprofessional educational experiences. You will generate strategies that can be applied to your setting, and the group will discuss how to overcome potential barriers in implementation.

CE Credits: 1.5, 90 Minute Workshop

8:00 – 9:30 a.m.

TLCD-151 Privacy, Professionalism and Facebook: A Dilemma for Oral Health Practitioners

CCC-Room 207

Presenter(s): Dieter J. Schonwetter, B.Th., B.A., M.A., Ph.D. | University of Manitoba Faculty of Dentistry

Students entering the oral health profession unknowingly bring with them questionable behaviors that challenge professionalism. The most common is social media. There is no question that Facebook is a highly useful and subscribed tool for connecting with others, providing quick information and updates on individuals as well as user-groups. However, Facebook is not without its limitations, having immediate and potentially negative impacts on its users and the institutions represented. This session will review how best to prepare students to maximize the utility of Facebook while maintaining a high level of professionalism that peers, administrators, professionals and patients would find integral.

CE Credits: 1.5, 90 Minute Workshop

10:00 – 11:15 a.m.

I-278 Closing Plenary—Executing Imagination: Turning Raw Ideas Into Powerful Results

Sponsored by DENTSPLY International, Inc.

CCC-Mile High 2,3,4

Presenter(s): Josh Linkner

With a career spent harnessing the spirit of creative disruption, renowned technology entrepreneur and bestselling author Josh Linkner is an authority on fostering creativity, entrepreneurship and disruptive innovation. Mr. Linkner started his career as a jazz guitarist, prior to founding and serving as CEO of four technology companies, which sold for a combined value of over \$200 million. Now an avid venture capitalist and mentor, he has invested in more than 100 startups as a founding partner of Detroit Venture Partners. He is a two-time recipient of the Ernst & Young Entrepreneur of the Year and has also been honored with the President Barack Obama Champion of Change Award. Mr. Linkner offers fascinating insight on the risks that companies face when they rely on the past to determine the future, as well as valuable tools and techniques for fostering innovation, creativity and disruption within one's organization.

CE Credits: 1

11:45 a.m. – 12:30 p.m.

TLCD-078 Creating an Education Program in Dental Forensics for D.D.S. Students

CCC-Room 101

Presenter(s): Nicholas Vernice, D.D.S.; Mark S. Wolff, D.D.S., Ph.D. | New York University College of Dentistry

The events of September 11, 2001 and Hurricane Katrina have made the need for forensic dental identification of human remains evident. A new hands-on course, "Introduction to the Field of Forensic Dentistry," was introduced at New York University College of Dentistry. This small discussion group will address the necessary components of the course, scientific basis of dental forensics and the role the dentist plays in the forensic/legal process. Participants will learn how to develop hands-on teaching materials and will work to develop case scenarios to be utilized in teaching the course as well as help identify the resources available to support the education of the students.

CE Credits: 0, 45 Minute Small Group Discussion

11:45 a.m. – 12:45 p.m.

TLCD-044 Integrate Hospital Clinics Into Clinical Curricula: Capitalize on the Experience! **LIAA**

CCC-Room 304

Presenter(s): Jonathan Shum, D.D.S., M.D.; Simon Young, D.D.S., Ph.D., M.D.; James Melville, D.D.S. | University of Texas School of Dentistry at Houston; Donita Dyalram, D.D.S., M.D. | University of Maryland School of Dentistry

We intend to identify and describe the benefits of the potential educational experience of clinical rotations associated in the hospital setting. We will identify common clinical scenarios and patient interactions to capitalize on teaching moments to solidify concepts in the comprehensive care of a medically compromised patient.

CE Credits: 1, 60 Minute Seminar

11:45 a.m. – 12:45 p.m.

TLCD-051 Interprofessional Teaching of Physical Diagnosis **LIAA**

CCC-Room 401

Presenter(s): Scott DeRossi, D.M.D.; Katharine Ciarrocca, M.S.Ed.; Shilpa Brown, M.D. | Dental College of Georgia at Augusta University

Interprofessional education (IPE) occurs when students from two or more professions learn about, from and with each other to enable effective collaboration and improve health outcomes. Dental and medical schools often teach physical diagnosis completely separately and, in many instances, medical school curricula do not address oral health in depth, if at all. Developing an IPE program where peer student teaching of the comprehensive oral examination and the cardiovascular exam ensures that students understand how to work interprofessionally and enter the workplace as a member of a collaborative team. This program reviews the program instituted at Augusta University.

CE Credits: 1, 60 Minute Seminar

11:45 a.m. – 12:45 p.m.

TLCD-075 Competence Through Confidence: Treating Special Needs Patients Post Graduation

CCC-Room 404

Presenter(s): Sahar Alrayyes, D.D.S., M.S.; Larry Salzmann, D.D.S. | University of Illinois at Chicago College of Dentistry

In many dental schools, the dental student's involvement in treating special needs patients is limited. The special needs patients are usually

handled by pediatric dentistry and general practice residents. Dental students do not receive adequate exposure to treating this population unless the dental school offers special needs rotation. The University of Illinois at Chicago College of Dentistry realizes the importance of dental students feeling competent in handling patients with special health care needs through the special patient care rotation at the Pediatric Dentistry department during third year and special patient care track during fourth year of dental school.

CE Credits: 1, 60 Minute Seminar

11:45 a.m. – 12:45 p.m.

TLCD-081 Evaluating Peer Assessment Using Student Data

CCC-Room 405

Presenter(s): Kenneth L. Allen, D.D.S., M.B.A.; Danielle M. Mitnick, Ph.D. | New York University College of Dentistry

Peer assessment is a requirement for dental education but varies widely across different institutions—in the manner in which we teach, methods to implement and tools we use to evaluate this skill. At New York University College of Dentistry, we have taken a novel, quantitative approach to how we implement and evaluate peer assessment. Each student anonymously evaluates six randomly selected peers on 13 domains on a 5-point scale. We use a variety of analyses to describe the peer ratings and examine stability over time and consistency between raters.

CE Credits: 1, 60 Minute Seminar

11:45 a.m. – 12:45 p.m.

TLCD-063 Let's Work Together: Shaping Strategies for Interprofessional Collaborative Practice **AD**

CCC- Room 201

Presenter(s): Gisele Gaudet-Amigo, M.Sc., Ed.D.; Marianne Howell, D.D.S., M.P.H.; Minn Yoon, Ph.D. | University of Alberta School of Dentistry

With increasing emphasis on interprofessional collaborative practice within accreditation and health professions practice standards, educational programs are obligated to include interprofessional collaborative learning experiences and competencies. Dentistry and dental hygiene often engage in parallel and hierarchical practice, however we challenge this perception, identifying a move to interprofessional collaborative practice. This session will explore authentic learning

experiences that can be used across educational settings, including affiliated clinical environments, to model and support interprofessional collaborative practice. You will be tasked with the development of an authentic, interprofessional collaborative practice learning experience.

CE Credits: 1, 60 Minute Workshop

11:45 a.m. – 1:15 p.m.

TLCD-036 Propelling Community-based Service Learning Into the Future

CCC-Room 303

Presenter(s): Michelle McQuistan, D.D.S., M.S. | The University of Iowa College of Dentistry & Dental Clinics; Lewis Lampiris, D.D.S., M.P.H. | University of North Carolina at Chapel Hill School of Dentistry

Are you implementing or redesigning a community-based service learning program at your institution? With new CODA requirements to incorporate community programs into the dental curriculum, schools are adding or expanding service learning programs. Two longstanding programs will describe how they continuously evaluate and improve the quality of the student experience based on feedback from students, preceptors and communities. Participants will learn how to align community experiences to CODA standards, prepare students for their experiences, evaluate students' experiences using service-learning principles, collaborate with preceptors and communities and improve student experiences based on programmatic evaluations.

CE Credits: 1.5, 90 Minute Seminar

11:45 a.m. – 1:15 p.m.

TLCD-054 Lean Principles Application in Implementation of an Evidence-based Dentistry Program

CCC-Room 402

Presenter(s): Sorin Teich, D.M.D., M.B.A.; Lisa Lang, D.D.S., M.B.A. | Case Western Reserve University School of Dental Medicine

This seminar will describe how to integrate lean management (lean) tools in the clinical curriculum. CODA's stated mission revolves around "continuous improvement of dental education." Because lean is focused on continuous improvement and sustainability, it is natural to consider how to use these techniques in higher education and specifically to address CODA's mission and accompanying standards. Lean tools such as 5S, quick-changeover and error-proofing will be presented in the context of evidence-based

dentistry elements incorporated in the curriculum. Finally, we will "close the loop" by describing how to apply a cycle of plan-do-check-act to identify which steps add value to the process.

CE Credits: 1.5, 90 Minute Seminar

11:45 a.m. – 1:15 p.m.

TLCD-059 Shaping Clinical Learning, Together: Synthesizing Daily Feedback Into Formative/Summative Assessments

CCC-Room 403

Presenter(s): David C. Holmes, D.D.S., M.S. | The University of Iowa College of Dentistry & Dental Clinics; Daniel E. Wilson, D.D.S.; Timothy R. Hinde, D.D.S. | University of Colorado School of Dental Medicine; Robert M. Trombly, D.D.S., J.D. | Arizona School of Dentistry & Oral Health

Most authorities consider longitudinal observation of students' overall performance to be the best predictor of future unsupervised performance. Although formative and summative assessment is still accomplished in some programs by adding up and averaging the hundreds of daily grades for each patient treated by a student, this process is not always valid, reliable and authentic. This seminar program will explore strategies for shaping clinical learning and synthesizing daily feedback into formative and summative assessments of student clinical performance. Attendees will gain insights for developing and/or revising evaluation criteria, assessment instruments and faculty calibration exercises for use at their home institutions.

CE Credits: 1.5, 90 Minute Seminar

11:45 a.m. – 1:15 p.m.

TLCD-112 Are Your Graduates Prepared to Practice in Direct Access Settings?

CCC-Room 203

Presenter(s): Amy E. Coplen, B.S.D.H., M.S.; Kathryn Bell, B.S.D.H., M.S. | Pacific University

Currently, 37 states allow dental hygienists to have direct access to patients. In light of this, dental hygiene education must address critical issues in direct access practice. Barriers to providing care that have been cited include lack of business knowledge, insurance reimbursement obstacles and start-up strategies. With an already crowded curriculum, including additional education to prepare dental hygiene students to practice in these settings is challenging. This session will briefly review current research in this area and provide an opportunity to collaborate with other educators to develop

strategies for enhancing dental hygiene student readiness to practice in this realm.

CE Credits: 1.5, 90 Minute Workshop

11:45 a.m. – 1:15 p.m.

**TLCD-014 “I Didn’t Know That Applied to Me!”
– Shaping Ethical Professionals, Together**

CCC-Room 205

Presenter(s): Lisa Itaya, D.D.S. | University of the Pacific, Arthur A. Dugoni School of Dentistry; Frank Catalanotto, D.M.D. | University of Florida College of Dentistry; Pamela Zarkowski, J.D., M.P.H. | University of Detroit Mercy School of Dentistry; Nermine Batniji, B.S. | Herman Ostrow School of Dentistry of USC

Dental educational institutions continue to implement strategies to educate predoctoral and hygiene students about academic integrity and professional responsibility. However, students frequently do not understand, absorb or incorporate the messages in their on- and off-campus activities. When lapses occur, their reaction is often, “I didn’t know that applied to me!” Panelists will describe strategies to inform students and faculty about policies within their institutions. Participants will discuss cases and best practices for communicating expectations. Electronic polling will engage participants in this workshop focused on three themes: Academic Dishonesty, Violations of Policies, and Miscommunication: Verbal, Nonverbal and Electronic.

CE Credits: 1.5, 90 Minute Workshop

11:45 a.m. – 1:15 p.m.

**TLCD-087 Going Global: Toward Global Health
Best Practices in Dental Education** **LIAA**

CCC-Room 207

Presenter(s): Elizabeth Shick, D.D.S., M.P.H. | The University of Colorado School of Dental Medicine; Brittany Seymour, D.D.S., M.P.H. | Harvard School of Dental Medicine; Benjamin Chaffee, D.D.S., M.P.H., Ph.D. | University of California, San Francisco, School of Dentistry; Habib Benzian, D.D.S., Ph.D., M.Sc.D.P.H. | New York University College of Dentistry

Over half of U.S. dental schools offer international opportunities for their students. Yet, there is currently no standardized approach for global service learning programs in dental education. Questions remain regarding responsible student preparation and engagement in international communities, including community-driven approaches, sustainability and local capacity building. This session will begin to develop foundational principles designed to support the three primary components of global health education in dental schools: 1) didactic coursework, 2) experiential learning programs, and 3) research. Presenters will discuss ethical and practical ways to implement these components of global health education in the dental school curriculum.

CE Credits: 1.5, 90 Minute Workshop

Applying to Dental School?

The ADEA Associated American Dental Schools Application Service (ADEA AADSAS®) is a centralized application service for individuals applying to dental school that uses one application form for all dental schools.

ADEA AADSAS Application

ADEA AADSAS OPENS EARLY IN JUNE

1

Applicants must:

1. Complete the online ADEA AADSAS application and designate dental schools.
2. Send all official college transcripts to:
ADEA AADSAS
PO Box 9110
Watertown, MA 02471
3. Indicate who is writing the letters of evaluation.
4. Schedule a date to take the Dental Admission Test (DAT), administered by the American Dental Association (ADA).
ada.org/dat

2

ADEA AADSAS then:

1. Verifies all transcripts and calculates the ADEA AADSAS GPA.
2. Imports DAT scores from the ADA when available.
3. Processes and submits the final application to the designated dental schools.

3

Dental schools will:

1. Review completed applications.
2. Match to supplemental materials.
3. Schedule interviews.
4. Make individual admissions decisions.

ADEA AADSAS closes in early February.

Schools begin notifying applicants of provisional offers of admission beginning December 1.

Tips

FOR A SUCCESSFUL ADEA AADSAS APPLICATION

1. **Research dental schools** with the help of a health professions advisor and discuss which schools are a good fit.
2. **Complete and submit the ADEA AADSAS application early**, as the application process can take up to six weeks.
3. **Collect copies of all transcripts** and have them available for reference.
4. **Confirm individuals who will be providing letters of evaluation.**
5. **Write a strong personal statement.**
6. **Be honest** throughout the application process.

Have questions?

aadsasinfo@aadsasweb.org
617-612-2045
adea.org/aadsas

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ADEA | THE VOICE OF
DENTAL EDUCATION

EVENTS

ADEA Affiliate, Governance, Special Interest Groups and Special Events

THURSDAY, MARCH 10

4:00 – 8:00 p.m.

I-1004 MDFDI: Leading Change: Leadership Training Strategies for Inclusion and Academic/Community Partnerships-I *(By invitation only)*

HY-Mineral EFG

FRIDAY, MARCH 11

7:00 a.m. – 4:00 p.m.

I-1003 MDFDI: Leading Change: Leadership Training Strategies for Inclusion and Academic/Community Partnerships-II *(By invitation only)*

HY-Mineral EFG

8:00 a.m. – 5:00 p.m.

A-011 ICE Healthcare/Internet2 Collaboration *(By invitation only)*

HY-Centennial F

8:00 a.m. – 5:00 p.m.

A-033 HuFriedy Meeting

HY-Capitol 7

9:00 a.m. – noon

I-103 ADEA Leadership Institute Alumni Association Board Meeting *(By invitation only)*

CCC-Room 106

11:00 a.m. – 6:30 p.m.

A-026 Advancing Dental Education: Gies in the 21st Century *(By invitation only)*

HY-Capitol 5

11:30 a.m. – 2:00 p.m.

I-170 ADEA Board of Directors (BOD) Meeting: Session I *(By invitation only)*

HY-Agate

Noon – 5:00 p.m.

A-032 Colgate Academic Team Meeting

HY-Centennial A

Noon – 5:00 p.m.

I-165 ADEA Leadership Institute Class of 2017 Orientation *(By invitation only)*

HY-Mineral Hall D

1:00 – 6:00 p.m.

I-169 The ADEA Student Diversity Leadership Program *(By invitation only)*

CCC-Room 104

2:00 – 5:00 p.m.

I-125 ADEA AADSAS Task Force *(By invitation only)*

HY-Quartz

Introducing ADEA weTeachSM

Your Resource for **Teaching**, **Learning** and **Assessment**

ADEA weTeach is a brand new web-based faculty resource providing dental, allied dental and other health educators a one-stop-shop for teaching, learning and assessment.

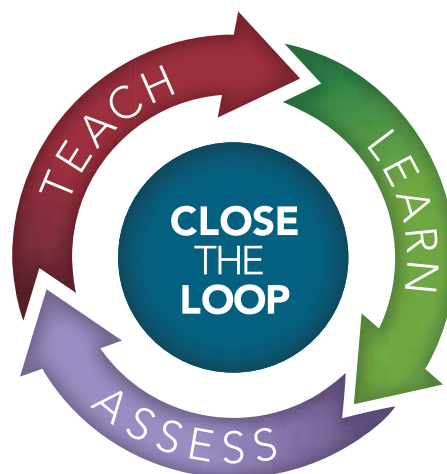
Health care faculty at any stage of their career will benefit from these "how to" resources, plus the opportunity to share and publish educational best practices within MedEdPORTAL.

Teach: Access **faculty-directed instruction resources**, including designing a course, choosing instructional techniques and evaluating course and instructor effectiveness.

Learn: Explore **learning theory** and improving understanding of the **student as a learner**.

Assess: Find specialized resources to improve the quality and capacity of **student assessment**.

Close the Loop: Discover curriculum assessment strategies, interprofessional education, accreditation and other reporting that help you complete the loop by addressing **integration of curriculum**.



adea.org/weTeach



#ADEAweTeach

2016

Learn more this week at the 2016 ADEA Annual Session & Exhibition!

90 Minute Workshop

Introducing ADEA weTeach – Your Resource for Teaching, Learning and Assessment

Room: CCC-Mile High 1 E-F

Monday, March 14, 2016
10:30 a.m. – noon

ADEA weTeach Demo

Exhibit Hall: ADEA Showcase Booth #300

Sunday, March 13, 2016
Noon – 5:00 p.m.
Monday, March 14, 2016
9:45 a.m. – 3:00 p.m.

Whether you're searching for a soup-to-nuts lesson plan or fresh ideas for assessment, this user-friendly gateway offers high quality resources from both ADEA and MedEdPORTAL.

ADEA | THE VOICE OF DENTAL EDUCATION

03/12 EVENTS

2:30 – 4:30 p.m.

I-181 ADEA Annual Session Program Committee Meeting *(By invitation only)*

HY-Mineral Hall B

6:00 – 7:30 p.m.

A-027 Advancing Dental Education: Gies in the 21st Century Reception *(By invitation only)*

HY-Capitol 6

6:00 – 9:00 p.m.

I-177 ADEA Leadership Institute Class of 2016 Reception and Commencement Dinner *(By invitation only)*

HY-Capitol Ballroom 1-3 & Foyer

SATURDAY, MARCH 12

7:00 a.m. – 2:30 p.m.

A-012 Committee on Residency Education and Training (CRET)

HY-Mineral Hall G

8:00 a.m. – 2:30 p.m.

A-013 ICE Healthcare/Internet2 Collaboration *(By invitation only)*

HY-Agate

8:00 – 10:00 a.m.

I-115 ADEA Council of Deans Administrative Board Meeting

CCC-Room 105

8:30 a.m. – 2:30 p.m.

A-001 AAP Education Committee Meeting

HY-Quartz

9:00 – 11:00 a.m.

I-129 2015-2016 ADEA Council of Sections Administrative Board Meeting

CCC-Room 212

9:30 a.m. – 1:00 p.m.

A-031 American Society for Dental Ethics Board Meeting

HY-Centennial C

10:30 a.m. – 3:00 p.m.

I-126 ADEA GoDental Recruitment Fair

CCC-Four Seasons Ballroom

11:00 a.m. – noon

A-003 CODA Hearing on Standards

HY-Centennial B

11:00 a.m. – noon

I-178 ADEA Leadership Institute Alumni Association Business Meeting

CCC-Mile High 1

11:00 a.m. – 1:00 p.m.

I-141 ADEA Council of Allied Dental Program Directors Administrative Board Meeting

CCC-Room 105

11:00 a.m. – noon

M-340 ADEA Special Interest Group on Career Development for the New Educator Members' Forum

CCC-Room 113

11:00 a.m. – 1:00 p.m.

I-102 Journal of Dental Education Editorial Review Board Spring Meeting *(By invitation only)*

CCC-Room 210

11:00 a.m. – noon

M-320 ADEA Special Interest Group on Scholarship of Teaching and Learning Members' Forum

CCC-Room 302

11:30 a.m. – 2:00 p.m.

A-035 MOOG Simodent Dental Trainer Forum

HY-Granite

Noon – 1:00 p.m.

I-290 Women Liaison Officers' Networking Luncheon

CCC-Room 301

12:30 – 1:00 p.m.

I-291 ADEA Council of Faculties Administrative Board Meeting

HY-Centennial A

AMERICAN DENTAL EDUCATION ASSOCIATION

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Being an Advocate is Easier Than Ever

adea.org/advocacy

HELLO
My Name Is...

Advocate

Make your voice heard! This website empowers YOU to engage your elected officials directly on issues of importance to dental education and dental and craniofacial research.

Access timely, up-to-date state, federal and Canadian information on legislation, policies, rules, regulations and grants!

It is as easy as a click away to send messages to your elected officials about issues important to you and your institution!

YOU can weigh in on:

- Funding for Title VII, Health Professions Education and Training
- Funding for Dental and Craniofacial Research
- Proposed rules, regulations and legislation
- Other issues affecting you!

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03/13 EVENTS

12:30 – 1:30 p.m.

I-155 ADEA Council of Hospitals and Advanced Education Programs Administrative Board Meeting

CCC-Room 113

11:30 a.m. – noon

A-019 American Association of Orthodontists (AAO) Meeting

HY-Limestone

12:30 – 2:00 p.m.

A-028 AAO Hosted Dean's Luncheon

HY-Centennial H

12:30 – 4:00 p.m.

I-116 ADEA Council of Students, Residents and Fellows (COSRF)

HY-Centennial D

1:00 – 1:30 p.m.

I-293 ADEA Council of Faculties New Member Orientation

HY-Centennial A

1:00 – 4:00 p.m.

I-166 ADEA Council of Deans Business Meeting

HY-Mineral Hall B&C

1:30 – 3:30 p.m.

I-131 ADEA Council of Sections Members Meeting

CCC-Mile High 1

1:30 – 4:00 p.m.

I-142 ADEA Council of Allied Dental Program Directors Business Meeting

CCC-Room 406/407

1:30 – 4:00 p.m.

I-294 ADEA Council of Faculties Business Meeting

HY-Centennial A

2:00 – 3:30 p.m.

I-123 ADEA Corporate Council Meeting

HY-Centennial B-C

2:00 – 2:30 p.m.

I-163 ADEA Council of Hospitals and Advanced Education Programs New Member Orientation

CCC-Room 113

2:30 – 4:00 p.m.

I-156 ADEA Council of Hospitals and Advanced Education Programs Business Meeting

CCC-Room 113

4:30 – 5:30 p.m.

I-112 ADEA House of Delegates Opening Session

CCC- Room Mile High 2,3,4

5:30 – 6:30 p.m.

I-226 ADEA Welcome Reception

CCC-Four Seasons Ballroom

 6:30 – 8:30 p.m.

I-227 Evening Plenary on Gender Issues: Discourse and Dessert

HY-Centennial E-H

6:30 – 9:30 p.m.

I-185 ADEA/Sunstar Americas, Inc. Legislative Leadership Dinner (By invitation only)

HY-Quartz

SUNDAY, MARCH 13

7:00 – 8:00 a.m.

M-327 ADEA Section on Graduate and Postgraduate Education Members' Forum

CCC- Room 113

7:00 – 8:00 a.m.

M-330 ADEA Section on Oral and Maxillofacial Radiology Members' Forum

CCC- Room 205

7:00 – 8:00 a.m.

M-332 ADEA Section on Orthodontics Members' Forum

CCC-Room 102

7:00 – 8:00 a.m.

M-333 ADEA Section on Pediatric Dentistry Members' Forum

CCC-Room 104

JOIN US FOR
ADEA
ON CAPITOL HILL!

ADVOCACY DAY

TUESDAY, APRIL 12, 2016

9:00 a.m. – noon

Rayburn House Office Building,
Gold Room, Rm. 2168
Washington, DC

Last year's ADEA Advocacy Day was a huge success! With your voice and support, programs of importance to dental education and dental and craniofacial research received significant funding for fiscal year 2016

We invite you to keep the momentum going by participating in this year's ADEA Advocacy Day.

Faculty and students from around the country will gather in Washington on April 12, to visit with their Members of Congress to discuss funding for dental and craniofacial research and issues of importance to academic dentistry. Please join us!

As we say in Washington, *"If you are not at the table, you may be on the menu!"*

Registration is free; please register today at adea.org/advocacyday.

FOR MORE INFORMATION:

Ryne Chua
ChuaR@adea.org

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2016 ADEA Allied Dental Program Directors' Conference

...the only conference developed exclusively

FOR allied dental program directors,

BY allied dental program directors

June 4–7, 2016 | New Orleans, LA

Hilton New Orleans Riverside

**Join allied dental program directors from all program levels
and disciplines for:**

- **Keynote speakers** with insight on current issues in allied dental education.
- **Breakout sessions** on pertinent topics in dental education for all allied disciplines.
- **Poster sessions** featuring cutting-edge research.
- **CODA policy updates**, Q&A sessions and information to prepare for accreditation site visits.
- **Networking with peers** and ADEA Corporate Members.

Register today!

adea.org/allied2016

7:00 – 8:00 a.m.

**M-336 ADEA Section on Endodontics
Members' Forum**

CCC-Room 106

7:00 – 8:00 a.m.

**M-338 ADEA Sections on Dental School
Admissions Officers and Student Affairs
and Financial Aid Members' Forum I**

CCC-Room 109

7:00 – 8:00 a.m.

**M-337 ADEA Sections on Business and Financial
Administration and Clinic Administration
Members' Forum**

CCC-Room 111

7:00 – 8:00 a.m.

**M-300 ADEA Section on Educational Research,
Development and Curriculum Members' Forum**

CCC-Room 201

7:00 – 8:00 a.m.

**M-329 ADEA Section on Operative Dentistry
and Biomaterials Members' Forum**

CCC-Room 203

7:00 – 8:00 a.m.

**M-331 ADEA Section on Oral Diagnosis and
Oral Medicine Members' Forum**

CCC-Room 207

7:00 – 8:00 a.m.

**M-346 ADEA Section on Substance Abuse,
Addiction, and Tobacco Dependence Education
Members' Forum**

CCC-Room 210

7:00 – 8:00 a.m.

**M-323 ADEA Section on Comprehensive
Care and General Dentistry Members' Forum**

CCC-Room 302

7:00 – 8:00 a.m.

**M-311 ADEA Section on Oral Biology
Members' Forum**

CCC-Room 303

7:00 – 8:00 a.m.

**M-318 ADEA Section on Periodontics
Members' Forum**

CCC-Room 304

7:00 – 8:00 a.m.

**M-314 ADEA Special Interest Group on
Graduate Dental Hygiene Education Programs
Members' Forum**

CCC-Room 401

7:00 – 8:00 a.m.

**M-315 ADEA Section on Development, Alumni
Affairs and Public Relations Members' Forum**

CCC-Room 402

7:00 – 8:00 a.m.

**M-317 ADEA Special Interest Group
on Implant Dentistry Members' Forum**

CCC-Room 403

7:00 – 8:00 a.m.

**M-321 ADEA Special Interest Group on Teaching
and Learning With Emerging Technologies
Members' Forum**

CCC-Room 404

7:00 – 8:00 a.m.

**M-322 ADEA Section on Clinical Simulation
Members' Forum**

CCC-Room 405

7:00 – 8:00 a.m.

**I-303 Invited Guest Breakfast
(By invitation only)**

CCC-Room 406/407

7:00 – 8:00 a.m.

**M-313 ADEA Section on Dental Assisting
Education Members' Forum**

CCC-Room 105

8:30 – 10:00 a.m.

**I-228 Opening Plenary—On the Edge:
The Art of High-Impact Leadership**

CCC-Mile High 2,3,4

ExploreHEALTHCareers.org

*Helping **Today's** Students Become the Health Professionals of **Tomorrow**.*

ExploreHealthCareers.org (EHC) is your resource for becoming a health care professional:

- **Explore more than 100 health careers.**
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ExploreHealthCareers.org is the **#1 website for students** seeking information about health care careers, and **the premier resource** for those who advise them.

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10:00 – 11:00 a.m.

I-240 Opening Plenary Book Sales and Signing with Alison Levine

CCC-Mile High Foyer

10:30 a.m. – noon

A-005 CODA Advanced Dental Site Visitor Update

HY-Centennial B

10:30 a.m. – noon

A-007 CODA Dental Site Visitor Update

HY-Centennial G

10:30 a.m. – noon

A-006 CODA Allied Site Visitor Update

HY-Mineral Hall F

10:30 a.m. – noon

I-127 ADEA Application Services Session for all users: AADSAS, CAAPID, PASS, and DHCAS Update

HY-Capital Ballroom 1-3

10:30 a.m. – noon

I-306 ADEA Council of Students, Residents and Fellows (COSRF)

HY-Mineral A-D

Noon – 5:00 p.m.

I-244 Exhibit Hall Open

CCC-Exhibit Hall A

Noon – 2:00 p.m.

I-242 Exhibit Hall Lunch

CCC-Exhibit Hall A

Noon – 2:00 p.m.

M-341 ADEA Special Interest Group on Dental Hygiene Clinic Coordinators Member Forum and Luncheon

Sponsored by The Procter & Gamble Company

CCC-Room 104

1:00 – 3:00 p.m.

I-245 ADEA Poster Board Session

CCC-Exhibit Hall A

1:00 – 3:00 p.m.

I-246 ADEA TechExpo

CCC-Exhibit Hall A

1:30 – 2:30 p.m.

I-148 ADEA Reference Committee on Association Policy

CCC-Room 106

1:30 – 2:30 p.m.

I-148 ADEA Reference Committee on Association Policy Hearing

CCC-Room 106

2:00 – 3:30 p.m.

A-009 CODA Orientation for Advanced Programs with Site Visits 2016-2018

HY-Centennial B

2:00 – 3:30 p.m.

A-010 CODA Orientation for Dental School Administrator with Site Visits in 2016-2018

HY-Centennial G

2:00 – 3:30 p.m.

A-008 CODA Orientation for Allied Dental Education Programs with Site Visits 2016-2018

HY-Mineral Hall F

2:00 – 3:30 p.m.

I-128 ADEA DEP WebAdMIT Workshop

HY-Capital Ballroom 1-3

2:00 – 4:00 p.m.

I-158 ADEA Council of Students, Residents and Fellows (COSRF)

HY-Mineral A-D

3:30 – 4:30 p.m.

I-149 ADEA Reference Committee on Administrative Affairs Hearing

CCC-Room 106

4:00 – 6:00 p.m.

A-004 Commission on Dental Accreditation (CODA) Question and Answer Room

HY-Centennial B



ADEA/AAL Chairs & Academic Administrators Management Program (CAAMP)

Get the skills you need to become a more confident, inspiring leader. CAAMP is an interprofessional leadership development program for new, current, and future chairs and academic managers. Learn the tools of effective management, team performance, and interpersonal relations, and grow personally through assessment tools and one-on-one coaching with an experienced CAAMP instructor.

The curriculum includes:

- Learning to lead
- Strategic planning and execution
- Academic legal issues
- Building high performance teams
- Communication skills
- Budgeting and fiscal planning
- Conflict management
- Faculty development
- Work-life balance and time management

CAAMP Instructors:

Hershey Bell, M.D., M.S., FAAFP
 N. Karl Haden, Ph.D.
 Wyatt R. Hume, D.D.S., Ph.D., D.D.Sc.
 Tobias E. Rodriguez, Ph.D.
 Pamela Zarkowski, M.P.H., J.D.



Dates: August 4-6, 2016

Location: Atlanta, GA

Tuition: \$2,195

(discounts available for 3 or more faculty;
 10% AAL alumni discount)

REGISTER ONLINE:

aalgroup.org/ADEA-CAAMP

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AAL
 ACADEMY FOR ACADEMIC LEADERSHIP

4:00 – 5:30 p.m.

I-210 ADEA GoDental Task Force
CCC-Room 104

5:30 – 6:30 p.m.

A-022 Joint Commission on National Dental Examinations: NBDE Part I and Part II Update
HY-Agate

5:30 – 7:00 p.m.

A-002 Sigma Phi Alpha Business Meeting
HY-Capitol 3

5:30 – 6:30 p.m.

A-124 General OKU Business Meeting
HY-Centennial G

5:30 – 6:30 p.m.

A-037 Healthcare Learning Meeting
HY-Centennial A

5:30 – 7:30 p.m.

A-029 Interdisciplinary Deans Reception
HY-Mineral A-C

5:30 – 10:00 p.m.

A-014 Committee on Residency Education and Training (CRET)
HY-Mineral Hall F

5:30 – 6:30 p.m.

I-134 ADEA CCI Reception
CCC-Mile High1E-F

5:30 – 6:30 p.m.

I-135 ADEA Academic Dental Careers Fellowship Program Reception
HY- Mineral G

5:30 – 6:30 p.m.

I-145 ADEA Allied Dental Faculty Leadership Development Program Alumni Reception
HY-Capitol 1

5:30 – 7:00 p.m.

I-179 ADEA Leadership Institute Class of 2017 Welcome Reception
HY-Centennial H

5:30 – 7:00 p.m.

I-106 Journal of Dental Education Reviewer Appreciation Reception
HY-Granite

5:30 – 6:30 p.m.

I-173 Celebrating Diversity in Dentistry Reception
HY-Quartz

6:00 – 8:00 p.m.

A-016 University of Manitoba, College of Dentistry Reception
HY-Capitol 2

6:00 – 8:00 p.m.

A-015 American Dental Hygienists' Association Dental Hygiene Networking Reception
HY-Mineral Hall D&E

6:30 – 7:30 p.m.

A-023 Joint Commission on National Dental Examinations: NBDHE Update
HY-Agate

7:00 – 9:00 p.m.

I-183 Chair of the ADEA Board of Directors Reception (By invitation only)
HY-Capitol 4-7

MONDAY, MARCH 14

6:00 – 8:00 a.m.

A-030 AAO Hosted Interdisciplinary Breakfast
HY-Capitol 4

7:00 – 8:00 a.m.

A-017 AAOMS Deans' Breakfast
HY-Mineral Hall A

7:00 – 8:00 a.m.

A-021 American Dental Association: Advanced Dental Admission Test Update
HY-Quartz

7:00 – 8:00 a.m.

I-1112 ADEA/ADEE Special Interest Group
CCC- Room 201

03/14 EVENTS

7:00 a.m. – 5:00 p.m.

I-253 Registration Open

CCC-Lower Lobby A

7:00 – 8:00 a.m.

M-310 ADEA Section on Cariology Members' Forum

CCC-Room 102

7:00 – 8:00 a.m.

M-345 ADEA Special Interest Group on Temporomandibular Disorders Members' Forum

CCC-Room 104

7:00 – 8:00 a.m.

M-342 ADEA Special Interest Group on Foreign-Educated Dental Professionals Members' Forum

CCC-Room 105

7:00 – 8:00 a.m.

M-344 ADEA Special Interest Group on Professional, Ethical and Legal Issues in Dentistry Members' Forum

CCC-Room 106

7:00 – 8:00 a.m.

M-339 ADEA Sections on Dental School Admissions Officers and Student Affairs and Financial Aid Members' Forum II

CCC-Room 111

7:00 – 8:00 a.m.

M-326 ADEA Section on Gerontology and Geriatrics Education Members' Forum

CCC-Room 113

7:00 – 8:00 a.m.

M-302 ADEA Section on Dental Hygiene Education Members' Forum

CCC-Room 203

7:00 – 8:00 a.m.

M-334 ADEA Section on Practice Management Members' Forum

CCC-Room 205

7:00 – 8:00 a.m.

M-335 ADEA Section on Prosthodontics Members' Forum

Sponsored by Whip Mix Corporation

CCC-Room 207

7:00 – 8:00 a.m.

M-325 ADEA Section on Gay-Straight Alliance Members' Forum

CCC-Room 302

7:00 – 8:00 a.m.

M-309 ADEA Section on Biochemistry, Nutrition and Microbiology Members' Forum

CCC-Room 303

7:00 – 8:00 a.m.

M-316 ADEA Section on Continuing Education Members' Forum

CCC-Room 401

7:00 – 8:00 a.m.

M-347 ADEA Section on Physiology, Pharmacology and Therapeutics Members' Forum

CCC-Room 402

7:00 – 8:00 a.m.

M-319 ADEA Section on Oral and Maxillofacial Surgery/Anesthesia/Hospital Dentistry Members' Forum

CCC-Room 403

7:00 – 8:00 a.m.

M-301 ADEA Section on Dental Informatics Members' Forum

CCC-Room 404

7:00 – 8:00 a.m.

M-324 ADEA Section on Dental Anatomy and Occlusion Members' Forum

CCC-Room 405

7:00 – 8:00 a.m.

M-343 ADEA Special Interest Group on Lasers in Dentistry Members' Forum

CCC-Room 406/407



ONLINE FACULTY DEVELOPMENT FOR TODAY'S ALLIED HEALTH EDUCATOR



The ADEA/AAL Institute for Allied Health Educators, with exclusive sponsorship from Colgate (ADEA/Colgate/AAL IAHE), helps dental hygiene, dental assisting and dental lab technology educators meet the CODA standard for “current background in educational methodology” while enhancing teaching skills.

- Participate in diverse, independent programs in a convenient online format.
- Learn best practices for teaching in the classroom and clinic.
- Earn required Continuing Education (CE) credits online.

Upcoming Online Sessions:

Clinical Teaching Best Practices

March 30, April 6, 13, 20 and 27, 2016

Advances in Educational Methods for Allied Health Educators

June 22, 29, July 6, 13 and 20, 2016

Revitalizing Curriculum and Calibrating Faculty

October 12, 19, 26, November 2 and 9, 2016

Each session runs from 8:00–9:30 p.m. Eastern Time.

All live sessions are recorded. Assignments are provided before each live session.



Learn more about ADEA/Colgate/AAL IAHE and register today at aalgroup.org/IAHE.

ADA CERP® | Continuing Education Recognition Program

ADEA and AAL are ADA CERP Recognized Providers.

ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry.

ADEA and AAL designate this activity for 20 continuing education credits.

03/15 EVENTS

8:00 a.m. – 4:30 p.m.

I-153 ADEA House of Delegates Booth
CCC-Lower Lobby A

8:30 – 9:45 a.m.

I-247 Political Spotlight—Double Perspective:
Howard Dean and Michael Gerson
CCC-Mile High 2,3,4

9:45 a.m. – 3:00 p.m.

I-270 ADEA Showcase Booth
CCC-Exhibit Hall

9:45 a.m. – 3:00 p.m.

I-271 Exhibit Hall Open
CCC-Exhibit Hall A

9:45 – 10:30 a.m.

I-259 Coffee With Exhibitors
CCC-Exhibit Hall A

10:00 a.m. – noon

I-272 ADEA Poster Board Session
CCC-Exhibit Hall A

10:00 a.m. – noon

I-273 ADEA TechExpo
CCC-Exhibit Hall A

10:00 a.m. – 4:00 p.m.

I-119 ADCFP Training Day 1
CCC-Room 111

10:30 a.m. – noon

I-121 ADEA CAAPID Task Force
CCC-Room 210

10:30 a.m. – 12:30 p.m.

I-1111 JACDEI Meeting
CCC-Room 104

Noon – 1:00 p.m.

I-275 Exhibit Hall Lunch
CCC-Exhibit Hall A

Noon – 1:00 p.m.

I-292 ADCFP Poster Session
CCC-Exhibit Hall A

1:30 – 3:00 p.m.

I-108 ADEA PASS Task Force
CCC-Room 210

3:00 – 5:00 p.m.

I-202 ADEA BOD Meeting: Session II
CCC-Room 109

4:00 – 5:30 p.m.

I-118 ADEA PASS Focus Group:
Re-evaluating the Evaluations
CCC-Room 104

5:00 – 6:00 p.m.

A-024 Joint Commission on National Dental
Examinations: INBDE Update
HY-Quartz

5:00 – 6:00 p.m.

I-161 ADEA Council of Students,
Residents and Fellows (COSRF)
CCC-Room 203

5:00 – 6:00 p.m.

I-168 Reception for ADEA/AAL Alumni Program
HY-Room Mineral D

5:00 – 6:30 p.m.

A-038 Healthcare Learning Meeting
HY-Mineral A

 6:00 – 9:00 p.m.

I-277 William J. Gies Awards for Vision,
Innovation and Achievement Gala
HY-Centennial Ballroom

TUESDAY, MARCH 15

7:00 – 8:00 a.m.

A-025 Joint Commission on National Dental
Examinations: National Board Examinations
Standard Setting Update
HY-Quartz

7:00 – 8:00 a.m.

M-303 ADEA Section on Behavioral Sciences
Members' Forum
CCC-Room 203

7:00 – 8:00 a.m.

M-328 ADEA Section on Minority Affairs Members' Forum

CCC-Room 104

7:00 – 8:00 a.m.

M-308 ADEA Section on Postdoctoral General Dentistry Members' Forum

CCC-Room 105

7:00 – 8:00 a.m.

M-307 ADEA Section on Oral and Maxillofacial Pathology Members' Forum

CCC-Room 102

7:00 – 8:00 a.m.

M-306 ADEA Section on Community and Preventive Dentistry Members' Forum

CCC-Room 205

7:00 – 8:00 a.m.

M-304 ADEA Section on Academic Affairs Members' Forum

CCC-Room 403

7:00 – 8:00 a.m.

M-305 ADEA Section on Anatomical Sciences Members' Forum

CCC-Room 404

7:00 – 8:00 a.m.

I-144 ADEA Council of Allied Dental Program Directors' Business Meeting

HY-Room Mineral B&C

8:00 a.m. – 2:00 p.m.

I-285 Registration Open

CCC-Lower Lobby A

10:00 – 11:15 a.m.

I-278 Closing Plenary—Executing Imagination: Turning Raw Ideas into Powerful Results

CCC-Mile High 2,3,4

11:15 a.m. – 12:15 p.m.

I-279 Closing Plenary Book Sales and Signing with Josh Linkner

CCC-Mile High Foyer

11:30 a.m. – 1:00 p.m.

I-143 ADEA CADPD Administrative Board Meeting

CCC-Room 113

11:30 a.m. – 12:30 p.m.

I-132 ADEA Council of Sections Members Orientation

CCC-Mile High 1A-D

11:30 a.m. – 12:30 p.m.

I-157 ADEA Council of Hospitals and Advanced Education Programs Caucus

CCC-Room 105

11:30 a.m. – 3:30 p.m.

I-140 ADCFP Training Day 2

CCC-Room 111

11:30 a.m. – 1:00 p.m.

I-167 ADEA Council of Deans Business Meeting

CCC-Room 406/407

11:30 a.m. – 2:00 p.m.

I-295 ADEA Council of Faculties Caucus Meeting

HY-Mineral F&G

12:45 – 1:45 p.m.

I-133 ADEA Council of Sections Caucus

CCC-Mile High 1A-D

12:45 – 1:45 p.m.

I-162 ADEA COSRF

CCC-Room 104

1:45 – 2:15 p.m.

I-146 2016-2017 ADEA Council of Sections Administrative Board Meeting

CCC-Room 113

2:15 – 3:15 p.m.

I-171 ADEA BOD Meeting: Session III

CCC-Room 109

3:30 – 4:30 p.m.

I-113 ADEA House of Delegates Closing Session

CCC-Room Mile High 2,3,4

4:45 – 5:45 p.m.

I-172 ADEA BOD Meeting: Session IV

CCC-Room 109



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ADEA Poster Presentations

For abstracts (except **(W)** and the 2015 ADEAGies/AADR Fellows), please see the February 2016 issue of the *Journal of Dental Education*. The student poster competition on Sunday is sponsored by DENTSPLY International, Inc. Posters are sorted by presentation day and listed in numerical order. Attendees receive 1 CE Credit per day.

SUNDAY, MARCH 13 1:00 – 3:00 p.m.

PO-000 Shaping Success for Tomorrow's Dental Students **(W)**

Abdulla Mahmud; Kathi R. Shepherd, RDH, M.S. | University of Detroit Mercy School of Dentistry

PO-001 Interprofessional Education: Collaboration Between Nursing Practitioner Students and Dental Students in Dental Emergency Clinic **(E)**

Letty Moss-Salentijn, D.D.S., Ph.D.; Lewis Chen; Vicky Evangelidis-Sakellson, D.D.S., M.P.H.; Katrin Tamari, D.D.S. | Columbia University College of Dental Medicine; Jeffrey Kwong, DNP, M.P.H., ANP-BC, FAANP | Columbia University School of Nursing

PO-002 Reliability of CBCT Generated Cephalograms in Cleft Lip/Palate Cases **(W)**

Mona Singh; Ahmed Ghoneima, B.D.S., M.Sc., Ph.D. | Indiana University School of Dentistry

PO-003 Re-Imagining Our Dental Education Curriculum: A Collaborative Conference **(N)**

Kathleen Molgaard; Shawheen Saffari; Pooyan Refahi, M.S., D.M.D.; Tuvy Phan; Yun Saksena, B.D.Sc., M.M.Sc., D.M.D.; Irina Dragan, D.D.S., M.S. | Tufts University School of Dental Medicine

PO-004 Radiographic Retake Error Rates Between Junior and Senior Dental Students **(E)**

Hasanain Alani; Maureen Thomas | University of Detroit Mercy School of Dentistry

PO-005 Quantitatively Assessing the Impact of First Year Required Non-Clinical Service Learning **(N)**

Matthew Mara; Michelle Henshaw, D.D.S., M.P.H. | Boston University Henry M. Goldman School of Dental Medicine

Presentation Key

- (E)** Educational Research
- (N)** New Programs
- (W)** Works in Progress
- (A)** 2015 ADEA/AADR Fellows

All poster presentations are located in the Colorado Convention Center in Exhibit Hall A.

PO-006 Quality of Life of Dental Students at New York University College of Dentistry **(E)**

Amanda Andre; Gaëlle C. Pierre, Ph.D.; Maureen McAndrew, D.D.S., M.S.Ed. | New York University College of Dentistry

PO-007 Perceptions of Value, Barriers to and Motivations for Graduate Education Among Dental Hygienists **(E)**

Amy N. Smith, RDH, M.S. | MCPHS University; Linda Boyd, RDH, RD, Ed.D. | MCPHS University Forsyth School of Dental Hygiene; Christine Macarelli Rogers, RDH, M.S. | New York City College of Technology; Ronald Le Jeune, D.D.S., M.Ed., M.S.P.H. | U.S. Department of Veterans Affairs

PO-008 Students Solving the Access to Care Problem **(N)**

Lance Swapp; Bill Piskorowski, D.D.S.; Mark Fitzgerald, D.D.S., M.S.; Howard A. Hamerink, D.D.S. | University of Michigan School of Dentistry

PO-009 Oral Health Professionals can Frame Their Work as a Problem **(W)**

Brian Swann, D.D.S., M.P.H.; Bruce Donoff, D.M.D., M.D.; Christine Riedy, M.P.H., Ph.D.; Jason L. Outlaw; Donald Giddon, D.M.D., Ph.D. | Harvard School of Dental Medicine

PO-010 Summer Clinic Assignments as Predictors of Students' Clinical Performances **(E)**

Carol Kunzel, Ph.D., M.A.; Alisa M. Kleiman; Vicky Evangelidis-Sakellson, D.D.S., M.P.H.; Columbia University College of Dental Medicine

PO-011 Teaching Critical Thinking to Bridge Pre-clinical and Clinical Operative Dentistry **(E)**

Helen Yang; Supattriya Chutinan, D.D.S., M.S.D.; Alexander Giannakakis; Hiroe Ohyama, D.D.S., M.M.Sc., Ph.D., D.M.D. | Harvard School of Dental Medicine

PO-012 Tell, Show, Do: Evidence and Application in Medical and Dental Education (E)

Daniel M. Rozen, D.M.D.; Edmund Khoo, B.D.Sc., FICD, ABO; Mitchell J. Lipp, D.D.S. | New York University College of Dentistry

PO-013 Noise Levels in a Predoctoral Dental School Setting (E)

Sabrina Nguyen; Britta Magnuson, D.M.D.; David Frantz, D.M.D.; Holly Fadie, M.S.; Melissa Ing, D.M.D.; Matthew Finkelman, Ph.D.; Shivam Patel; Alexander Toth, D.M.D.; Emily Schadt, D.M.D. | Tufts University School of Dental Medicine

PO-014 Learning Resource Used Versus Usefulness in the Basic Sciences Curriculum (W)

Monica Tain; Sang Park, D.D.S., M.M.Sc. | Harvard School of Dental Medicine

PO-015 Knowledge and Attitude of Dental Students in the Philippines Towards Dental Public Health (E)

Risha De Leon, D.M.D.; Joseph De Leon, D.M.D.; Tofool Alghanem, D.D.S., M.S., B.D.S. | Tufts University School of Dental Medicine; Arlene Alfaro, D.M.D. | University of the Philippines

PO-017 The Emergence and Significance of Feedback as a Teaching Method in Dental Education (E)

Mitchell J. Lipp, D.D.S.; Mahdi Taebe, B.H.Sc. | New York University College of Dentistry

PO-018 Implementation of Diversity Education as Part of First Year Student Orientation (N)

Daniel Camacho; Johnny Joseph; Michael Goupil, D.D.S., M.Ed., M.B.A. | University of Connecticut School of Dental Medicine

PO-019 Impact of Time Limits During Waxing Exercises in Dental Anatomy (E)

Dhea Patel | University of Texas Health Science Center at San Antonio School of Dentistry

PO-020 A Method to Establish Difficulty in Case-Based Assessments (W)

Irene Kim, B.A.; Nhung Quan, B.A.; Alexander May, D.D.S.; Mitchell J. Lipp, D.D.S.; Nicolas Freda, D.M.D. | New York University College of Dentistry

PO-021 The Relationship Between Predoctoral Dental Research Training and Academic Success (E)

Jason A. Berglund; Eileen Doherty, M.S. | Tufts University School of Dental Medicine

PO-022 Impact of a Longitudinal Lecture Series on Pre-dental Student Recruitment (E)

Cameron Lee; Jonathan Shapiro; Sang Park, D.D.S., M.M.Sc. | Harvard School of Dental Medicine

PO-023 Follow up Dental Care for Patients With Multiple Complex Medical Problems. (E)

Adam Goldberg; Vicky Evangelidis-Sakellson, D.D.S., M.P.H. | Columbia University College of Dental Medicine

PO-024 Student and Faculty Perspectives of Clinical Mentoring Styles at TUSDM (W)

Heather Leung; Britta Magnuson, D.M.D.; Matthew Finkelman, Ph.D.; Yun Saksena, B.D.Sc., M.M.Sc., D.M.D. | Tufts University School of Dental Medicine

PO-025 Training Future Dentists for an Academic Career: A Three-Tiered Model (E)

Sarah Albani, M.A.; Zsuzsa Horvath, Ph.D.; Christine Wankiiri-Hale, D.M.D. | University of Pittsburgh School of Dental Medicine

PO-026 Experience on Cultural Competence in North American Dental Schools (E)

Brenda Appiah, D.D.S., M.P.H.; Dorian Price, D.D.S.; Lavern J. Holyfield, D.D.S.; Raghunath Puttaiah, B.D.S., M.P.H. | Texas A&M University Baylor College of Dentistry

PO-027 Enormous Variability Exists Between Hours Dedicated to Core Subjects in Dental Schools Across the United States (W)

Romesh P. Nalliah, B.D.S.; Sydnee Chavis, D.M.D. | University of Michigan School of Dentistry; Michael S. Forman; Peggy Timothé, D.D.S., M.P.H.; Harvard School of Dental Medicine

PO-028 Efficacy of Different Instructional Modalities for Oral Surgery Technique Among Novice Dental Students (E)

Hardev Singh, D.M.D.; Ho-Hyun Brian Sun, M.S.; Jeffrey Elo, D.D.S., M.S. | Western University of Health Sciences College of Dental Medicine; Grant McClendon, D.M.D. | Oral Surgical Institute

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PO-029 Effectiveness of Self-learning Video Versus Lecture for Junior Dental Students (E)

Malak Al-Hadlaq; Al-Shammari; Wadha Al-Headhal; Nassr Al Maflehi, M.S.; Fouad Salama, B.D.S., M.S. | King Saud University

PO-030 Effectiveness of Flipped-classroom in Teaching Periodontal Diagnosis and Treatment-planning (E)

Cliff Lee; Soo-Woo Kim, D.M.Sc., D.M.D. | Harvard School of Dental Medicine

PO-031 Educating Dental Students About Interprofessional Communication and Eating Disorders: Effects on Perceptions and Practice of Interprofessional Care (E)

Katya M. Frimenko; Carol A. Murdoch-Kinch, D.D.S., Ph.D.; Marita R. Inglehart, Dipl.Psych., Dr. phil., Dr. phil. habil. | University of Michigan School of Dentistry

PO-032 Dental Students' Approach to Reforming the Dental Curriculum (E)

R. Frederick Lambert, M.A.; Cliff Lee; Lisa Lian; German Gallucci, D.Med.Sc., Ph.D. | Harvard School of Dental Medicine

PO-033 Dental Students Apply Evidence-Based Practice (EBP) to Clinical Scenarios: Developing, Enhancing and Assessing Skills (E)

Rachel Sheridan, D.D.S., M.S.; Glendale Lim, M.P.H.; Tae-Ju Oh, D.D.S.; Hsun-Liang Chan, D.D.S., M.S. | University of Michigan School of Dentistry

PO-034 Dental Student Self-assessment of a Medical History Competency Exam in Comparison With Oral Surgery Faculty Assessment (E)

Hany Emam, B.D.S., M.S.; Darryl T. Hamamoto, Ph.D., D.D.S.; Spencer Wade; Courtney Jatana, D.D.S., M.S. | The Ohio State University College of Dentistry

PO-035 Demographics and Operative Dentistry: Age and Gender Affecting Preclinical Performance (E)

Lauren Marzouca; Steven Eisen, D.M.D.; Michael Thompson, Ph.D.; Matthew Finkelman, Ph.D. | Tufts University School of Dental Medicine

PO-036 DAWNING on a New Horizon of Collaborative Comprehensive Care (N)

Sarah Wood, B.Sc.; Christina Pham, B.Sc.; Michael Hess, B.Sc.; Sheila O. Stille, D.M.D.; Sophia Khan, B.Sc., D.D.S. | University of Colorado School of Dental Medicine

PO-037 Constructively Shaping Minds in a Pre-clinical Laboratory Through iPad Technology (W)

Jeni L. Heselbarth; Michele Kirkup, D.D.S. | Indiana University School of Dentistry

PO-038 Assessing the Efficacy of Learning Catalytics in the Dental School Curriculum (W)

Sara Golkari, B.A.; Rebecca S. Lufler, Ph.D. | Tufts University School of Dental Medicine

PO-039 Cone Beam CT Analysis of Bifid Inferior Alveolar Nerve Occurrence (W)

Thomas Yoon, D.D.S., M.S.; Richard Michaud, D.M.D.; Douglas Robinson; Dylan Tagg; Nathan Estrin | Lake Erie College of Osteopathic Medicine School of Dental Medicine

PO-040 Assessing an Oral Health Curriculum for Students in Low-Income Communities (W)

Joelle Stanger; Luisa Utset-Ward, D.M.D. | Lake Erie College of Osteopathic Medicine School of Dental Medicine

PO-041 Comparison Between Two Years and Longer Duration Orthodontic Residency Programs: An Overview of Program Characteristics and Instructional Methodologies (E)

Veerasathpurush Allareddy, B.D.S., M.B.A., M.H.A., Ph.D., M.M.Sc.; Patrick P. Brady, D.M.D.; Sheila M. Daniels, D.D.S.; Romesh P. Nalliah, B.D.S. | University of Michigan School of Dentistry

PO-042 Changing Demographics of Published Authors in United States Dental Journals (E)

Kathleen Molgaard; Nadeem Karimbux, D.M.D., M.M.Sc. | Tufts University School of Dental Medicine

PO-043 A Systematic Review to Determine the Efficacy of Narrative Medicine Techniques in Health Science Education (W)

Darren Huang | New York University College of Dentistry; Rita Twan | Columbia University College of Dental Medicine

PO-044 Assessment of the Status Quo of Clinical Grading Practices in Dental Education (E)

Roman M. Garcia, B.A.; Yaella Landau Aronhime, B.S.; Zsuzsa Horvath, Ph.D.; Marnie Oakley, D.M.D.; Heiko Spallek, D.M.D., Ph.D., MSBA(CIS) | University of Pittsburgh School of Dental Medicine; Mark S. Wolff, D.D.S., Ph.D. | New York University College of Dentistry; Nici Kimmes, D.D.S. | Oregon Health & Science University School of Dentistry

PO-045 Varying Feedback in a Test-Enhanced Competence-based Course in Predoctoral Orthodontics (E)

Han Suk Kim; Nicolas Freda, D.M.D.; Mitchell J. Lipp, D.D.S. | New York University College of Dentistry

PO-046 Analysis of National Dental Residency Match Data: Lessons for Programs and Applicants (E)

Veerasathpurush Allareddy, B.D.S., M.B.A., M.H.A., Ph.D., M.M.Sc. | The University of Iowa College of Dentistry & Dental Clinics; Sheila M. Daniels, D.D.S.; P. Brady, D.M.D.; Romesh P. Nalliah, B.D.S. | University of Michigan School of Dentistry

PO-047 An Assessment of Dental Implant Education and Implant Practice of the General Practitioner (E)

Yoon Jeong Kim, D.D.S., M.S.; Erik Sahl, D.D.S., M.S.D.; Shivali Gohel, D.M.D., M.S.D.; Jung-Wei Chen, D.D.S., M.S., Ph.D. | Loma Linda University School of Dentistry

PO-048 Experiencing Guatemala with the University of Colorado School of Dental Medicine (N)

George Dinulescu, D.M.D.; Derik Bendixsen; Elizabeth Shick, D.D.S., M.P.H.; Diem Cao, D.M.D.; Jenna Hyer | University of Colorado School of Dental Medicine

PO-050 Assessment of a New Holistic Admissions' Interview Evaluation Tool (E)

Krystin Davis, M.S.; Riki Gottlieb, D.M.D., M.S., FAGD | Virginia Commonwealth University School of Dentistry

PO-051 A Taxonomy for Evaluating Dental ePortfolio Projects (N)

Jeff Gutkin, Ph.D.; Jeanette DeCastro, Ph.D.; Kim Fenesy, D.M.D. | Rutgers, The State University of New Jersey, School of Dental Medicine

PO-053 Bridging the Gap Between Preoperative Endodontic Diagnosis of Teeth with Deep Carious Lesions and Minimally Invasive Dentistry Protocols. (W)

Tara Byrd, D.D.S.; Denise Foran, D.D.S.; Natalia Elson, D.D.S. | New York University College of Dentistry

PO-054 Bridging the Theory-practice Gap With Dental Hygiene Instrumentation Videos (E)

Jessica N. August, RDH, B.S.D.H.; Linda Boyd, RDH, RD, Ed.D.; Dianne L. Smallidge, RDH, M.D.H.; Lori Giblin, RDH, M.S.; Andrew Rothman, M.S., EIT | MCPHS University Forsyth School of Dental Hygiene

PO-055 Twelve-year Survival of Two Surface Composite Resin and Amalgam Premolar Restorations Placed by Dental Students (E)

H.C. Aaron Kim, B.Sc., D.M.D, FICD, FAID; Safa Naghipur; Anthony Nowakowski, B.Sc., D.M.D.; Igor Pesun, D.M.D., M.S., FACP, FRCD | University of Manitoba Faculty of Dentistry

PO-056 Changing Students' Cultural Competency Beliefs: Evidence from Reflective Writings (E)

Linda S. Behar-Horenstein, Ph.D., M.A.; Frank Catalanotto, D.M.D. | University of Florida College of Dentistry; Xiaoying Feng | University of Florida College of Education; Barbara Lee, Ph.D. | Keiser University; Carol Isaac, PT, Ph.D. | Mercer University

PO-057 City-wide Assessment: Five to Seven Year Old's Oral Hygiene Needs (E)

Marjorie R. Arnett, M.S.; Bonnie Nelson, D.D.S.; Erin A. Stephens, D.D.S. | Loma Linda University School of Dentistry

PO-058 Volunteering in Free Dental Clinics: Shaping Attitudes of Pre-Dental Students (E)

Donna Kritz-Silverstein, Ph.D.; Irvin Silverstein, D.D.S., M.S.Ed.; Ellen Beck, M.D. | University of California San Diego School of Medicine

PO-059 Training Future Dentists Through Virtual Simulation (E)

Sandra M. Farah-Franco, D.D.S.; Brent Fung, D.D.S.; Robert Hasel, D.D.S. | Western University of Health Sciences College of Dental Medicine

PO-060 Comparison of Fast Track and Traditional First Year Dental Hygiene Students (E)

Lisa Stefanou, RDH, M.P.H.; Eva M. Lupovici, RDH, M.S.; Judy Kreismann, RDH, M.A.; Rosemary D. Hays, RDH, M.S. | New York University College of Dentistry

PO-061 Visible Tattoos on Clinicians—What are Dental Consumers' Opinions? (E)

Lynn Tolle, B.S.D.H., M.S.; Gayle McCombs, RDH, M.S.; Aaron Arndt, Ph.D.; Old Dominion University; Amanda Verissimo, RDH | San Joaquin Valley College

PO-062 Constructing Interdisciplinary Dental Exam Questions by Teamwork (E)

Niping Wang, D.D.S., Ph.D.; Roland Adams, B.D.S., M.S., M.A., Ed.D.; William Lushbaugh, Ph.D. | University of Mississippi Medical Center School of Medicine

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PO-063 Traditional Admissions Elements and Academic Load During College as Predictors of Dental School Performance in the First Year (E)

Hermínio Perez, D.M.D.; Emily Sabato, Ed.D.; Shuying Jiang, M.S.; Valerie Rico, D.M.D.; Jeanette DeCastro, Ph.D.; Kim Fenesy, D.M.D.; LaToia Taylor, M.S. | Rutgers, The State University of New Jersey, School of Dental Medicine

PO-065 Credential Enhancing Oral Health Master's Program Increases Preparedness of Applicants Including Underrepresented Minorities for Dental School Admission (E)

Theresa A. Davies; Cataldo Leone, D.M.D., D.M.Sc. | Boston University Henry M. Goldman School of Dental Medicine; Barbara M. Schreiber, Ph.D.; Michele Stahlberger, B.S. | Boston University School of Medicine, Division of Graduate Medical Sciences; Ana Karina Mascarenhas, B.D.S., M.P.H., Dr.P.H. | Nova Southeastern University College of Dental Medicine

PO-066 Critical Thinking: Self-assessment on Simulated Carious Teeth in Operative Dentistry (E)

Sheetal Asher, D.M.D.; Supattriya Chutinan, D.D.S., M.S.D.; Helen Yang; Lisa Simon, D.M.D.; Hiroe Ohyama, D.D.S., M.M.Sc., Ph.D., D.M.D.; Alexander Giannakakis; Paula Bavia, D.D.S., Ph.D. | Harvard School of Dental Medicine

PO-067 Current State of Metrics Used to Evaluate Junior Faculty Members in Periodontics (E)

Satheesh Elangovan, B.D.S., Sc.D., D.Med.Sc.; Georgia Johnson, D.D.S., M.S.; Sreedevi Srinivasan, B.D.S., D.Sc.; Veerasathpurush Allareddy, B.D.S., M.B.A., M.H.A., Ph.D., M.M.Sc. | The University of Iowa College of Dentistry & Dental Clinics

PO-068 Data Collection for Adverse Events Reporting by U.S. Dental Schools (E)

Domenica Sweier, D.D.S., Ph.D.; Kimberly Barrett; Blake Bufford; Alexandra Hylan; Matthew Loomis; Josh Smith; Angela Svaan; Harold M. Pinsky, D.D.S.; Deborah Rooney, Ph.D. | University of Michigan Medical School

PO-069 The Student Experience in an Innovation Team-Based Clinical Education (E)

Hiwet Ephrem, LDH, RF; Anna Martin, M.S.W.; Christine Blue, D.H.Sc., M.S., B.S.D.H.; Karl Self, D.D.S., M.D.A. | University of Minnesota School of Dentistry

PO-070 Adapting Two Caries Treatment Modalities in an Outreach Setting (N)

Sophia Khan, B.Sc., D.D.S. | University of Colorado School of Dental Medicine; Sayamol Voraragsa, D.D.S.; New York University College of Dentistry; Ralph Cunningham, D.D.S.; Page W. Caufield, D.D.S., Ph.D. | New York University College of Dentistry; Noel Brown, D.D.S. | University of Technology, School of Dental Medicine, Jamaica

PO-071 Dental and Hygiene Students' Ability to Identify Lesions in Practice (E)

Ezinne Ogbureke, B.D.S., D.M.D.; Ana Neumann, D.D.S., M.P.H., Ph.D.; Dennis Garcia, RDH, M.B.A.; Ruth Conn, RDH, B.S.D.H.; Cleverick D. Johnson, M.S., D.D.S.; Kalu U.E. Ogbureke, B.D.S., M.Sc., D.M.Sc., J.D. | University of Texas School of Dentistry at Houston

PO-072 The Orthodontic Residency Match: Trends in Applicants and Process (E)

Veerasathpurush Allareddy, B.D.S., M.B.A., M.H.A., Ph.D., M.M.Sc.; Thomas Southard, D.D.S., M.S. | The University of Iowa College of Dentistry & Dental Clinics; Sreedevi Srinivasan, B.D.S., D.Sc.; | The University of Iowa College of Dentistry & Dental Clinics

PO-073 Dental Faculty Perceptions of Non-Cognitive Skills Contributing to Dental Student Success (E)

Shannon Myers Virtue, Psy.D.; Amid Ismail, B.D.S., M.P.H., M.B.A., Dr.P.H.; Laura Pendergast, Ph.D., M.Ed.; Elizabeth Waldron | The Maurice H. Kornberg School of Dentistry, Temple University

PO-074 Dental Hygiene Program Admission Criteria: Do They Result in Student Success After Graduation? (E)

Kimberly Parsons, Ed.D., CDA, EFDA, RDH | University of Southern Indiana

PO-075 The Oral Health Effects of Women in Recovery and Transition (E)

Ethel P. Harris, D.D.S. | Meharry Medical College School of Dentistry

PO-076 Dental Hygiene Students as Peer Teachers of Dental Students: Does it Matter? (E)

Martha J. McComas, RDH, M.S.; Marita R. Inglehart, Dipl.Psych., Dr. phil., Dr. phil. habil. | University of Michigan School of Dentistry

PO-077 The Effects of Debate on Students' Preferences for Restorative Materials (E)

Ammar Musawi, M.D.S., B.D.S.; Allison Crutchfield, D.M.D., M.P.H.; Parker Crutchfield, Ph.D. | Missouri School of Dentistry & Oral Health

PO-078 Dental School Patient Complaints: The Journey from Negative to Positive (E)

Janine Fredericks-Younger, D.M.D.; Marisa Handelman, D.M.D.; Jill York, D.D.S., M.A.S. | Rutgers, The State University of New Jersey, School of Dental Medicine

PO-079 Dentists' Perspectives on Integrating Advocacy Training in Dental Education Programs (E)

Vinodh Bhoopathi, B.D.S., M.P.H., D.Sc.D. | The Maurice H. Kornberg School of Dentistry, Temple University; Ghaydaa Linjawi, B.D.S., M.P.H. | Nova Southeastern University College of Dental Medicine

PO-080 Development of ICDAS Teaching Model for Baylor Predoctoral Dental Program (E)

Amal Noureldin, D.D.S., M.S., M.D.S, Ph.D; Anneta Bitouni, B.D.S, M.S.; Eric Solomon, D.D.S., M.A.; Andrea Voinea-Griffin, D.D.S, M.B.A, M.S.H.A, FACHE | Texas A&M University Baylor College of Dentistry

PO-081 Digital Complete Denture Fabrication in Two Visits (N)

Barbara Slaska, D.D.S.; Iryna Branets, D.D.S; June Weiss, D.M.D.; Thomas Giugliano, D.D.S; Arthur Goren, D.M.D., FAAOMR | New York University College of Dentistry

PO-082 Digital Denture Fabrication in Pre- and Postdoctoral Education: A Survey of U.S. Dental Schools (E)

Arthur Nimmo, D.D.S., FACP; Linda S. Behar-Horenstein, Ph.D., M.A.; Monica Fernandez, D.D.S., M.S. | University of Florida College of Dentistry

PO-083 Admission Criteria and Predicting Students' Success in Dental School (E)

Richard Ballard, D.D.S.; Toby Cheramie, D.D.S. | Louisiana State University Health New Orleans School of Dentistry; Joseph L. Hagan, M.S.P.H., Sc.D. | Texas Children's Hospital

PO-084 Agreement Among Instructors in Scoring Preclinical Dental Procedures: Impact on Grades and Instructor-related Determinants (E)

Jehan AlHumaid, B.D.S., CAGS, D.Sc.D.; Maha El Tantawi, M.Sc., Ph.D.; Al-Ansari, B.D.S., M.D.Sc., D.Sc.D.; Fahad Al-Harbi, B.D.S., M.S.D., D.Sc.D., FACP | University of Dammam College of Dentistry

PO-085 Does Clinical Experience Affect the Students' Self-Perceptions of Clinical Education? (E)

Anastasia E. Kossioni, D.D.S., M.Sc., Ph.D., PGCeODL; George Lyrakos, C.Psychol, M.Sc, Ph.D.; Ioulia Ntinalaxi, D.D.S.; Ralou Varela, D.D.S.; Ioanna Oikonomou, D.D.S. | National and Kapodistrian University of Athens School of Dentistry

PO-086 Tenure System in Dental Schools Across the United States: Is it Time to Revisit the Model? (E)

Shankar Venugopalan, B.D.S., Ph.D., D.Med.Sc. | University of Missouri - Kansas City School of Dentistry; Satheesh Elangovan, B.D.S., Sc.D., D.Med.Sc.; Veerasathpurush Allareddy, B.D.S., M.B.A., M.H.A., Ph.D., M.M.Sc. | The University of Iowa College of Dentistry & Dental Clinics; Romesh P. Nalliah, B.D.S. | University of Michigan School of Dentistry; Sridhar VK Eswaran, B.D.S., M.S., M.S.D. | University of Texas School of Dentistry at Houston

PO-087 Effect of a Video-recorded Clinical Session in the Training of Dental Hygiene Students (E)

Tammy R. Sanderson, M.S.D.H., RDH | Idaho State University; Jessica Salisbury, RDH, M.S. | The Ohio State University College of Dentistry

PO-088 Effect of Sound on Students' Performance and Perception in a Virtual Learning Environment (E)

Ilse R. de Boer, D.D.S.; Paul R. Wesselink, D.D.S., Ph.D.; Marjoke J.M. Vervoorn, D.D.S., Ph.D. | Academic Centre for Dentistry Amsterdam

PO-089 Effectiveness of Radiographs in the International Dentist Admissions Interview Process (E)

Krithika Baskaran, B.D.S., D.D.S.; Elizabeth R. Towne, D.D.S.; Clifton Carey, Ph.D. | University of Colorado School of Dental Medicine

PO-090 Electronic Clinical Grading: Establishing a Foundation for the Future of Dental Education (N)

Jayzona Alberto, M.S.; Jorge Godinez | Western University of Health Sciences College of Dental Medicine

PO-091 An Overview of Characteristics and Factors Affecting Promotion of Junior Faculty Members in Orthodontics Specialty (E)

Sreedevi Srinivasan, B.D.S., D.Sc.; Satheesh Elangovan, B.D.S., Sc.D., D.Med.Sc.; Veerasathpurush Allareddy, B.D.S., M.B.A., M.H.A., Ph.D., M.M.Sc. | The University of Iowa College of Dentistry & Dental Clinics; Shankar Venugopalan, B.D.S., Ph.D., D.Med.Sc. | University of Missouri - Kansas City School of Dentistry

PO-092 Students' Reflections on Quality of Periodontal Care in Dental School (E)

Sangeetha Chandrasekaran, B.D.S., M.S., M.S.; Charles Powell, D.D.S., M.S.; Laurice De la Rosa, RDH; Anuj Mittal, M.B.B.S., M.D. | Aarupadai Veedu Medical College; Lonnie Johnson, D.D.S., Ph.D. | The University of Colorado School of Dental Medicine

PO-093 Combining Non-cognitive and Cognitive Assessments to Evaluate Dental School Success (E)

Stacy Buford, B.A.; Pamela Sandow, D.M.D.; Shannon M. Wallet, Ph.D.; W. Stephen Howard, D.M.D., FAGD; Geraldine Weinstein, D.D.S.; Deborah A. Dilbone, D.M.D. | University of Florida College of Dentistry

PO-094 Impact of Ergonomic Training Approaches on MSDs Among Dental Hygienists (E)

Beckie M. Barry, Ph.D., RDH | University of Mississippi Medical Center, School of Health Related Professions; Ann E. Spolarich, Ph.D., RDH | Arizona School of Dentistry & Oral Health

PO-095 Assessing the Impact of Voice-over Screen-captured Presentations on Dental Students' Learning (E)

Nicole Gareau-Wilson, B.A., B.Ed.; Dieter J. Schönwetter, B.Th., B.A., M.A., Ph.D.; Rodrigo Cunha, D.D.S., M.S., Ph.D., FRCD(C) | University of Manitoba Faculty of Dentistry; Isabel Mello, D.D.S., M.Sc., Ph.D., FRCD(C) | Dalhousie University Faculty of Dentistry

PO-096 Student-Centered Assessment in Learning Periodontal Scaling Techniques in Pre-Clinic (E)

Dianne L. Sefo, RDH; Eva M. Lupovici, RDH, M.S.; Sara Yoon, RDH, M.S. | New York University College of Dentistry

PO-097 To Shape Tomorrow, Consider Yesterday: Career-switching Into Dentistry (E)

Caitlin Silverstein; Teddy KK. Rogers, M.A. | University of Missouri - Kansas City School of Dentistry

PO-098 A Preliminary Summary of Community-based Dental Experience at U.S. Dental Schools (E)

Keith Mays, D.D.S., M.S., Ph.D. | University of Minnesota School of Dentistry

PO-099 Predictors of Board Eligibility Amongst Pediatric Dentistry Residents (W)

Shreekrishna Akilesh, D.M.D., M.P.H. | NYU Lutheran | NYU Langone Health System; Lynn Beck, Ph.D.; University of the Pacific, Gladys L. Benerd School of Education

PO-169 Interprofessional Veterans Case Study Promoting Changes: Attitudes Towards Collaborative Practice (E)

Lorinda L. Coan, RDH, M.S.; Julie McCullough, Ph.D., RD; Jane Friona, M.H.S.A. | University of Southern Indiana

PO-253 Clinical Faculty Evaluation by Predoctoral Dental Students (W)

Natalie Jeong, D.M.D.; Mary-Ellen Marks, M.A.; Matthew Finkelman, Ph.D.; Zuhair Natto, Dr.P.H.; Nadeem Karimbux, D.M.D., M.M.Sc. | Tufts University School of Dental Medicine

PO-254 Engaging Advanced Education General Dentistry Residents in Interprofessional Clinical Teamwork (W)

Mary Norma Partida, D.D.S., M.P.H.; Jeffery L. Hicks, D.D.S.; Shannon Roberts, D.D.S.; Lakshmi Vishwanat, M.E.S., M.S., B.D.S. | University of Texas Health Science Center at San Antonio School of Dentistry

PO-255 Educational Debt is Good! Why We Have Been Misunderstanding Debt in Dental Education. (W)

Romesh P. Nalliah, B.D.S. | University of Michigan School of Dentistry; Veerasathpurush Allareddy, B.D.S., M.B.A., M.H.A., Ph.D., M.M.Sc. | The University of Iowa College of Dentistry & Dental Clinics

PO-257 Nurse Practitioner-Dentist (NPD) Model for Primary Care (W)

Maria Dolce, Ph.D., RN, CNE; Jessica L. Holloman, M.S., RDH | Northeastern University; Christine Riedy, M.P.H., Ph.D.; Lisa Simon, D.M.D.; Elsbeth Kalendarian, D.D.S., M.P.H., Ph.D.; John D. Da Silva, D.M.D., M.P.H., Sc.M.; Bruce Donoff, D.M.D., M.D.; Jane Barrow, M.S.; Catherine Ramos | Harvard School of Dental Medicine

PO-301 Pharmacist's Role in a Dental Clinic: Establishing an Interprofessional Education Site (N)

Kalin Johnson, PharmD; John W. Shaner, D.M.D., M.S. | Creighton University School of Dentistry; Karen O'Brien, PharmD; Kim Begley, PharmD; Shana Castillo, PharmD, M.B.A.; Brittany Stevens | Creighton University School of Pharmacy and Health Professions

PO-302 Making it Real: Understanding the Culture of Poverty Through Simulation (N)

Juanita Lozano-Pineda, D.D.S., M.P.H.; Adelita G. Cantu, Ph.D., M.S., B.S.N.; Vidal Balderas, D.D.S., M.P.H.; Jeffery L. Hicks, D.D.S.; William Hendricson, M.S., M.A., M.Ed.; John Littlefield, M.A., Ph.D. | University of Texas Health Science Center at San Antonio School of Dentistry

PO-303 A Novel Use of Student Generated Questions in PBL (N)

Luisa Utset-Ward, D.M.D.; Thomas H. Ward, D.M.D., M.P.H. | Lake Erie College of Osteopathic Medicine School of Dental Medicine

PO-304 Writing PBL Cases with the Millennials in Mind (N)

Thomas H. Ward, D.M.D., M.P.H.; Luisa Utset-Ward, D.M.D. | Lake Erie College of Osteopathic Medicine School of Dental Medicine

MONDAY, MARCH 14 10:00 a.m. – noon

PO-132 Assessing Self-assessment: Developing an OSCE Self-assessment Tool (E)

Christopher Van Ness, Ph.D.; Pamela Overman, Ed.D. | University of Missouri - Kansas City School of Dentistry

PO-133 A Comparison of Cognitive Presence in Asynchronous and Synchronous Discussions in an Online Dental Hygiene Course (E)

Rachel C. Kearney, RDH, M.S.; Amy L. Molnar, RDH, M.D.H. | The Ohio State University College of Dentistry

PO-134 Enhancing Dental Students' Understanding of Poverty Through Simulation (E)

Lewis Lampiris, D.D.S., M.P.H.; Alex White, D.D.S., Dr.P.H.; Jane Weintraub, D.D.S., M.P.H. | University of North Carolina at Chapel Hill School of Dentistry

PO-135 Students' Perceptions of the Effectiveness of Team-based Learning (E)

Luisa F. Echeto, D.D.S., M.S.; Deborah A. Dilbone, D.M.D.; Linda Behar-Horenstein, Ph.D., M.A. | University of Florida College of Dentistry; Yu Su; Xiaoying Feng | University of Florida College of Education

PO-136 Enhancing Students' Cultural Competency: A Quantitative Study (E)

Linda S. Behar-Horenstein, Ph.D., M.A.; Cythnia Garvan, Ph.D., M.A.; Frank Catalanotto, D.M.D. | University of Florida College of Dentistry; Gerard Garvan | University of Florida College of Education;

PO-137 Students' Perception Regarding Their Learning Process on Geriatric Dentistry (E)

Alexandre Favero Bulgarelli, B.D.S.; Luis Gustavo Souza, D.D.S.; Renato De Marchi, D.D.S, Ph.D.; Patricia Bulgarelli, D.D.S, PG.Dip. | Federal University of Rio Grande do Sul

PO-138 Student Responses to an Evidence-based Decision-making Assessment: Educational Exercise in Periodontics (E)

Jessica G. Hinz, M.A., Ph.D.; M. Nathalia. Garcia, D.D.S., M.S.; Sara Whitener, D.D.S., M.S.; Elio Reyes, D.D.S., M.S.; Dwight McLeod, D.D.S., M.S. | Southern Illinois University School of Dental Medicine

PO-139 Student Assessment of Two Methods of Pre-Clinical Pharmacology Instruction (E)

Steven Blanchard, D.D.S., M.S.; Karen Gregson, Ph.D.; Elizabeth D. Ramos, D.D.S., M.S.D. | Indiana University School of Dentistry

PO-140 Evaluating Financial Literacy in Dental Students (E)

Andrew Schwartz, D.D.S.; Dolores Cannella, Ph.D. | Stony Brook University School of Dental Medicine

PO-141 Evidence-based Critical Thinking Exercise: Shaping Tomorrow's Dental Choices (E)

Pauletta Baughman, D.M.D.; Gustavo Oliveira, D.D.S.; Vida Vaughn, M.L.I.S.; Elizabeth Smigielski, M.S.L.S. | University of Louisville School of Dentistry

PO-142 Utilizing New Digital Grading System To Evaluate Tooth Preparation in a Fixed Prosthodontics Preclinic (E)

Elham Kateeb, B.D.S., M.P.H., Ph.D.; Ahed Adamani, B.D.S., M.S.; Mudar Kamal, B.D.S., M.Sc.; Musab Abuarqoob, B.D.S., M.S.; Raed Abuhantash, B.D.S., M.Sc. | Al-Quds University

PO-144 Factors Contributing to Student Anxiety When Treating First Clinic Patient (E)

Denise Zwicker, B.D.H., M.Ed. | Dalhousie University
Faculty of Dentistry

PO-146 Shaping Interprofessional Dental Education with Nutrition: Think Outside the Bun (E)

Emily R. Holt, RDH, M.H.A., CDA, EFDA; Julie McCullough, Ph.D., RD | University of Southern Indiana

PO-147 Self-reported Musculoskeletal Pain and Injury in Dental Students: A Basis for Ergonomic Education (E)

David A. Williams, D.D.S., M.S., M.P.H.; Oksana P. Mishler, M.S.; Harlan J. Shiau, D.D.S., D.M.Sc. | University of Maryland School of Dentistry

PO-148 Self-Paced Versus Lock-Step Preclinical Simulation Training (E)

Gary Hildebrandt, D.D.S., M.S. | University of Minnesota School of Dentistry

PO-149 Faculty Trainees' Perceptions of Cultural Competency Training (E)

Rosa Chaviano-Moran, D.M.D.; Emily Sabato, Ed.D.; Jeanette DeCastro, Ph.D.; Kim Fenesy, D.M.D. | Rutgers, The State University of New Jersey, School of Dental Medicine

PO-150 Faculty Trainees' Perceptions of Training Outcomes (E)

Emily Sabato, Ed.D.; Jeanette DeCastro, Ph.D.; Jeff Gutkin, Ph.D.; Michael Conte, D.M.D.; Kim Fenesy, D.M.D.; Rutgers, The State University of New Jersey, School of Dental Medicine

PO-152 HPV and Oropharyngeal Cancer Prevention Educational Opportunities for Dental Providers (E)

Stacey Griner, M.P.H.; Ellen Daley, Ph.D., M.P.H.; Cheryl Vamos, Ph.D., M.P.H.; Erika Thompson, M.P.H.; Ina Hysi, M.P.H.; Coralía Vázquez-Otero, M.P.H.; Laura Merrell, M.P.H. | University of South Florida – Tampa; Frank Catalanotto, D.M.D. | University of Florida College of Dentistry; Nolan Kline, Ph.D., M.P.H. | Purdue University

PO-153 Identifying the Deficiencies for Health Education for Sleep Apnoea Patients. (E)

Barry F. Quinn, B.D.S., M.Sc., LDS, MRD, FDS, FFD, FHEA | King's College London Dental Institute

PO-154 Self and Peer Evaluation by Students in Preclinical Operative Procedures (E)

Sheetal Asher, D.M.D.; Supattriya Chutinan, D.D.S., M.S.D.; Lisa Simon, D.M.D.; Alexander Giannakakis; German Gallucci, D.Med.Sc., Ph.D.; Hiroe Ohyama, D.D.S., M.M.Sc., Ph.D., D.M.D. | Harvard School of Dental Medicine

PO-155 Utilizing Expanded Functions Dental Auxiliary's (EFDA) to Shape Dental Teams (E)

Wendy Moore, RDH, EFDA, M.S.A.; Denise Kissell, RDH, EFDA, M.P.H. | The Ohio State University College of Dentistry

PO-156 Implementation of Peer-to-Peer Teaching in Dental Hygiene Ethics Class (E)

Winnie Furnari, RDH, M.S., FAADH | New York University College of Dentistry

PO-157 Implementing Active Teaching Strategies Improves Academic Performance (E)

Uma Nair, D.M.D., M.D.S.; Marcelle Nascimento, D.D.S., Ph.D.; Linda Behar-Horenstein, Ph.D., M.A. | University of Florida College of Dentistry; Xiaoying Feng | University of Florida College of Education

PO-158 Improving Performance on the PAT Through Targeted Spatial Skills Instruction (E)

Sheryl A. Sorby, M.S., Ph.D. | The Ohio State University College of Education and Human Ecology; Darryl T. Hamamoto, Ph.D., D.D.S. | The Ohio State University College of Dentistry; Abrams M. Lisa, Ph.D.; Olga Stavridis, M.S. | The Ohio State University College of Engineering

PO-159 Using Performance Data to Improve Resident Care Practices (E)

Homa Amini, D.D.S., M.P.H., M.S. | The Ohio State University College of Dentistry

PO-160 Inability to Predict Dental Students' Performance With Multiple Instructors' Evaluations (E)

Alexander Giannakakis; Soo-Woo Kim, D.M.Sc., D.M.D.; Hiroe Ohyama, D.D.S., M.M.Sc., Ph.D., D.M.D.; Harvard School of Dental Medicine

PO-161 Using Commercial Pressure Cookers to Sterilize Dental Instruments in Remote Settings (E)

Doyle Nick, D.D.S., M.S.; Dave Bowen; Nick Oster; Sally Kim; Marjorie R. Arnett, M.S.; Joseph Kim | Loma Linda University School of Dentistry

PO-162 Return on Investment: Assessment of an Educational Research Grants Program (E)

Karen Novak, D.D.S., M.S., Ph.D.; Harold Henson, RDH, M.Ed., Ph.D.; John Valenza, D.D.S. | University of Texas School of Dentistry at Houston

PO-163 Influence of Three Teaching Methodologies in Development of Psychomotor Skill (E)

Ramtin Sadid-Zadeh, D.D.S., M.S.; Joseph E. Gambacorta, D.D.S.; Elizabeth D'Angelo, D.D.S. | University at Buffalo School of Dental Medicine

PO-164 Reflecting on Eight Years of IPE Clinical Experiences (E)

Jacqueline Freudenthal, RDH, M.H.E. | Idaho State University

PO-166 Interprofessional Education in Dental Hygiene Programs and CODA Standards: Program Directors' Perspectives (E)

Danielle Furgeson, RDH, M.S., D.H.Sc.; Marita R. Inglehart, Dipl.Psych., Dr. phil., Dr. phil. habil. | University of Michigan School of Dentistry

PO-167 Push-Out Bond Strength Evaluation of Glass Fiber Posts With Different Resin Cements and Application Techniques (E)

Marcelo Durski, D.D.S., M.S., Ph.D. | University of Louisville School of Dentistry

PO-168 Progress in Tobacco Dependence Education: Where Does Your School Stand? (E)

Joan M. Davis, RDH, Ph.D. | Southern Illinois University Carbondale; Marjorie R. Arnett, M.S. | Loma Linda University School of Dentistry; Jill M. Loewen, RDA, M.S. | University of Detroit Mercy School of Dentistry; Sara Gordon, D.D.S., M.S. | University of Washington School of Dentistry; Laura Romito, D.D.S., M.S. | Indiana University School of Dentistry

PO-170 Investigating the Value of Dexterity Testing and Other Admissions Criteria for Internationally Trained Dental Students in a U.S. D.M.D. Program (E)

Rosa Chaviano-Moran, D.M.D.; Emily Sabato, Ed.D.; Shuying Jiang, M.S.; Kim Fenesy, D.M.D. | Rutgers, The State University of New Jersey, School of Dental Medicine

PO-171 Investigation of Dental Student Educational Experience in a Clinical Setting: The Value of Discipline Based Learning Models Versus Comprehensive Care Based Learning Models (W)

Matthew Malek, D.D.S.; Asgeir Sigurdsson, D.D.S., M.S.; Denise Foran, D.D.S.; Jane Lieberman, D.D.S. | New York University College of Dentistry

PO-172 Program Evaluation of a Distance Master's Degree Dental Hygiene Program: A Program Effectiveness Study (E)

Tanya Villalpando-Mitchell, RDH, M.S.; Christopher Van Ness, Ph.D.; Cynthia Sensabaugh, RDH, M.S.; Cynthia C. Amyot, M.S.D.H., Ed.D.; Pamela Overman, Ed.D. | University of Missouri - Kansas City School of Dentistry

PO-173 LGBT Coverage in Dental Schools and Dental Hygiene Programs: Results of a National Survey (E)

Marita R. Inglehart, Dipl.Psych., Dr. phil., Dr. phil. habil.; Kenneth Hillenburg, D.D.S., M.S.; Carol A. Murdoch-Kinch, D.D.S., Ph.D.; Janet Kinney, RDH, M.S.; Henry Temple, D.D.S. | University of Michigan School of Dentistry

PO-175 Pre-clinical Simulation's Effect on Anxiety Levels during Local Anesthesia Administration (E)

O. Fields Farrior, D.M.D.; Isaac Stickney, B.A., M.Ed.; Jay Beauchemin, D.D.S. | University of New England College of Dental Medicine

PO-176 Power of Peers: Student Perception of Pairing in Clinical Dental Education (E)

Denise Mills, D.D.S., M.H.A.Ed. | Midwestern University College of Dental Medicine-Arizona

PO-177 Meeting IPEC Core Competencies Through a Dentistry and Nursing Partnership (E)

Blase P. Brown, D.D.S., M.S. | University of Illinois at Chicago College of Dentistry

PO-179 Patient Awareness of Oral Cancer Exams (E)

Joseph V. Franco, Jr., D.D.S.; John W. Shaner, D.M.D., M.S.; Angela C. Ritchie, D.D.S. | Creighton University School of Dentistry

PO-180 Shaping Tomorrow: Igniting Advocacy Action Through a Legislative Educational Unit (E)

Leciel K. Bono, RDH-ER, M.S.D.H.; Alan Frantz, Ph.D.; Kathleen Hodges, RDH, M.S.; Ellen J. Rogo, RDH, Ph.D.; Teri Peterson, Ed.D.; Idaho State University

PO-181 Interprofessional Learning Between the School of Dentistry and School of Medicine (N)

Grishondra Branch-Mays, D.D.S., M.S. | University of Minnesota School of Dentistry

PO-182 Interprofessional Educational Training Improves Pharmacists' Ability to Counsel Older Adults (E)

Ann Eshenaur Spolarich, RDH, Ph.D. | Arizona School of Dentistry & Oral Health; Dora Fisher, M.P.H. | Oral Health America

PO-183 Interprofessional Collaborations Addressing Health Care Disparities in Nevada (N)

Frank Jones, D.D.S., M.B.A. | University of Nevada, Las Vegas, School of Dental Medicine

PO-184 Innovative Collaboration With Nursing and Medical Schools Yields Results (N)

Poonam Jain, B.D.S., M.S., M.P.H.; Cyril Pandarakalam, B.D.S., M.S. | Southern Illinois University School of Dental Medicine; Donna Meyer, M.S.N., RN | Organization for Associate Degree Nursing

PO-186 A Pilot Selective Digital Removable Partial Prosthodontics for Senior Year (N)

Ulysess Vargas, D.D.S.; William Hendricson, M.S., M.A., M.Ed.; John D. Jones, D.D.S.; Diane Sullivan, D.D.S. | Texas A&M University Baylor College of Dentistry

PO-187 Influence of a Preparatory Workshop on First Operative Dentistry Psychomotor Examination (N)

Deborah A. Dilbone, D.M.D.; Patricia Xirau-Probert, Ph.D.; Linda S. Behar-Horenstein, Ph.D., M.A.; Marcelle Nascimento, D.D.S., Ph.D. | University of Florida College of Dentistry; Xiaoying Feng; Yu Su | University of Florida College of Education

PO-188 Using iLearn to Train and Standardize all Undergraduate Faculty 'Working in the Department of Cariology and Comprehensive Care' (N)

William Eidtson, Ed.D.; Patricia A. Montalbano, A.A.S.; David Hershkowitz, D.D.S.; Denise Estafan, D.D.S. | New York University College of Dentistry

PO-189 Scholarship Circles: A Faculty Development Program (N)

Emily Sabato, Ed.D.; Kim Fenesy, D.M.D.; Jeff Gutkin, Ph.D.; Jeanette DeCastro, Ph.D. | Rutgers, The State University of New Jersey, School of Dental Medicine

PO-190 Two Partnerships Increase Dental Student Exposure to Special Needs Dentistry (N)

Gail Kim | University of Pittsburgh School of Dental Medicine; Lyubov Slashcheva | Virginia Commonwealth University School of Dentistry

PO-191 Faculty Development Training Program, a New Faculty Point of View (N)

Valerie Rico, D.M.D. | Rutgers, The State University of New Jersey, School of Dental Medicine

PO-192 Can Future Faculty be Developed During Dental School? (N)

Earlanda Williams, Ph.D.; Joseph Connor, D.D.S.; Kevin Gureckis, D.M.D.; David Cappelli, D.M.D., Ph.D.; William Hendricson, M.S., M.A., M.Ed. | University of Texas Health Science Center at San Antonio School of Dentistry

PO-193 Counseling Services at the University of Iowa College of Dentistry: Outcomes and Future Directions (N)

David F. Adams, Ph.D.; Catherine Solow, M.A. | The University of Iowa College of Dentistry & Dental Clinics

PO-194 Data-Supported Decision Making Using Business Intelligence and Analytics (N)

Sean R. Meyer, M.B.A. | University of Michigan School of Dentistry

PO-195 Dental Jeopardy—Utilizing Innovative Technology in Lecturing (N)

Pinky Bhavsar, D.M.D.; Donald Lapine, D.M.D., FIADFE, FACE, FAGD | Rutgers, The State University of New Jersey, School of Dental Medicine

PO-196 Shaping Tomorrow Together With the Implementation of Interprofessional Laboratory Coursework (N)

Erin Stephens, D.D.S.; Marjorie R. Arnett, M.S. | Loma Linda University School of Dentistry

PO-197 Experiences and Workflow of Traditional and Digital Fixed Prosthodontics of a Third Year Dental Student (N)

Jessica Xia; John D. Jones, D.D.S. | University of Texas Health Science Center at San Antonio School of Dentistry; Diane Sullivan, D.D.S. | Texas A&M University Baylor College of Dentistry

PO-198 Experiences and Evaluations of the LEAD 3 Predental Program (N)

Matthew Jones; Juanita Lozano-Pineda, D.D.S., M.P.H.; Vidal Balderas, D.D.S., M.P.H.; William Hendricson, M.S., M.A., M.Ed.; John D. Jones, D.D.S. | University of Texas Health Science Center at San Antonio School of Dentistry

PO-199 Do Mission Statements Matter? An Evaluation of How Dental School Mission Statements Align With the Most Important Issues in Dentistry (E)

Sankeerth Rampa, M.B.A. | University of Nebraska Medical Center; Romesh P. Nalliah, B.D.S.; Veeratrishul Allareddy, B.D.S., MS.; Veerasathpurush Allareddy, B.D.S., M.B.A., M.H.A., Ph.D., M.M.Sc. | The University of Iowa College of Dentistry & Dental Clinics

PO-200 Evolving From a Discipline-based Model of Clinical Dental Education to a Comprehensive Care Delivery Model (N)

Loretta Hursin, D.D.S. | University of Alberta School of Dentistry

PO-201 Early Identification and Supplementation of Students who Need More Time on Task: A 14 Year Analysis of a Predoctoral Preclinical Remediation Program at Boston University Henry M. Goldman School of Dental Medicine (N)

Debra H. Pan, D.M.D., M.S.; Louis M. Brown, D.M.D., CAGS; Ronni A. Schnell, D.M.D., MAGD, FICD; Celeste V. Kong, D.M.D., CAGS | Boston University Henry M. Goldman School of Dental Medicine

PO-202 Evaluating Clinical Impressions, Calibrating Students and Faculty (N)

Donnie Poe, CDT; Daniel Castagna, D.D.S.; Marc Geissberger, D.D.S., M.A.; Bina Surti, D.D.S.; Phil Buchanan, D.D.S. | University of the Pacific, Arthur A. Dugoni School of Dentistry

PO-203 Student Exercise on Shear-Bond-Testing to Enhance Enamel and Dentin Bonding-Skills (N)

Terry E. Hoover, D.D.S.; Eric Salmon, D.D.S.; Karen Schulze, D.D.S. | University of the Pacific, Arthur A. Dugoni School of Dentistry; Victoria L. Wallace, LDA | Ultradent Products, Inc.

PO-204 Establishing Policies and Protocols for the Management of Medical Emergencies at the University of Rwanda School of Dentistry (N)

Michael Ray, D.D.S., M.P.H. | Harvard School of Dental Medicine; Mumena Chrispinus, D.D.S., M.Dent., PCLTHE, Cert. intro. Surgical Skills; Muhumuza Ibra, B.D.S., D.D.P.H.R.C.S., M.Sc. | University of Rwanda College of Medicine and Health Sciences

PO-205 Effectiveness of Student Instructors in a Summer Enrichment Program (N)

Catherine Garza; Nancy Wong, M.B.A.; Juanita Lozano-Pineda, D.D.S., M.P.H.; Vidal Balderas, D.D.S., M.P.H.; William Hendricson, M.S., M.A., M.Ed.; Jeffery L. Hicks, D.D.S.; John Littlefield, M.A., Ph.D.; Daniel Dominguez, M.S.; Harrison Luke | University of Texas Health Science Center at San Antonio School of Dentistry

PO-206 Engaging Dental Hygiene Students in Clinical Research (N)

Fotinos Panagakos, D.M.D., Ph.D.; Debbie Fleming, RDH, M.S. | Colgate-Palmolive Company

PO-207 Enhancement and Standardization of Dental Faculty Calibration (N)

Jeanette DeCastro, Ph.D.; Kim Fenesy, D.M.D.; Joel Pascuzzi, D.M.D. | Rutgers, The State University of New Jersey, School of Dental Medicine

PO-208 A Three Year Analysis of the Discover Dental School Summer Scholars Program at Stony Brook School of Dental Medicine (N)

Ann M. Nasti, D.M.D.; Shari Ginsburg, B.S.; Sara Wilensky, M.A.; Nicholas Mastroianni, M.S. | Stony Brook University School of Dental Medicine

PO-210 An Interprofessional Collaboration to Implement and Evaluate Adult Diabetes Screening in a Dental School Clinic (N)

Gary Hack, D.D.S.; Shannon Idzik, DNP, CRNP, FAANP; Claire Bode, M.S., CRNP; Marion Manski, M.S., RDH; Deborah Cartee, M.S., RDH | University of Maryland School of Dentistry

PO-224 Shaping Tomorrow Through Enhancing Mandibular Block Anesthesia (W)

Debra Woo, D.D.S., M.A.; Bernadette Alvear Fa, D.D.S.; Michelle Brady, D.D.S. | University of the Pacific, Arthur A. Dugoni School of Dentistry

PO-225 The Effectiveness of PrepCheck Software as a Teaching Aid in Preclinical Fixed Prosthodontics (W)

Louis M. Brown, D.M.D., CAGS; Celeste V. Kong, D.M.D., CAGS | Boston University Henry M. Goldman School of Dental Medicine

PO-227 Faculty Calibration Exercises Improve Resident and Faculty Periodontist Grading Correlations (W)

Maninder Kaur, B.D.S., M.P.H., M.S.; Ramzi V. Abou Arraj, D.D.S., M.S.; Maria Lynn Geisinger, D.D.S., M.S. | University of Alabama at Birmingham School of Dentistry

PO-228 Competence for Tobacco Dependence Treatment: Student Self-assessment and Project Comparison (W)

Jill M. Loewen, RDA, M.S.; Simran Saini; Samatha Southwell | University of Detroit Mercy School of Dentistry

PO-229 Collaborative Partnerships Shaping Tomorrow Together: Middle School Through Faculty Development (W)

Ivin Silverstein, D.D.S., M.S.Ed.; Ellen Beck, M.D.; Donna Kritz-Silverstein, Ph.D. | University of California, San Diego, School of Medicine

PO-230 Translating Preclinical Operative Preps on Plastic Teeth to Clinical Dentistry (W)

Barbara M. Stratton, D.M.D.; Alia Eldairi, D.D.S. | University of Louisville School of Dentistry

PO-231 Enhancing Evidence-based Patient Care across the DDS Curriculum (W)

David A. Zahl, M.A.; Laura Romito, D.D.S., M.S.; Jeffrey Platt, D.D.S., M.S.; Neil Pinney, D.D.S.; Melinda Meadows, LDH, M.S.; Lawrence P. Gareto, M.S., Ph.D.; Christianne Guba, D.D.S., M.S.D. | Indiana University School of Dentistry

PO-232 Faculty Calibration: Is Digital Technology an Effective Standardization Tool? (W)

Preetha P. Kanjirath, B.D.S., M.D.S., M.S.; Joseph Toljanic, D.D.S., M.S.; Marsha A. Babka, D.D.S.; Nathaniel Krumdick, Ph.D. | Midwestern University College of Dental Medicine-Illinois

PO-233 Unlocking Student Potential through New Experiences in Pediatric Dentistry (W)

Erin Gross, D.D.S., Ph.D., M.S.; Catherine Flaitz, D.D.S., M.S. | The Ohio State University College of Dentistry

PO-236 Residents' Perspectives on Clinical Education in Residency Training Programs Held at National Dental Centre Singapore. (W)

Marianne Ong, B.D.S., M.S. | National Dental Centre Singapore

PO-237 Using Technology to Combat a Shortage of Implant Cases for Predoctoral Dental Students (W)

Furat M. George, B.D.S.; Marianella Sierraalta, D.D.S.; Tae-Ju Oh, D.D.S.; Romesh P. Nalliah, B.D.S. | University of Michigan School of Dentistry

PO-238 Aspiring Dental School Faculties' Perceptions of Calibration and Training Experiences (W)

Donald Lapine, D.M.D., FIADFE, FACE, FAGD; Pinky Bhavsar, D.M.D. | Rutgers, The State University of New Jersey, School of Dental Medicine

PO-239 Integrated Case Presentation—Establishing Interprofessional Teams to Facilitate Team-based Learning (W)

Maria P. Rodriguez, D.D.S.; Angela De Bartolo, D.D.S.; Mark S. Wolff, D.D.S., Ph.D. | New York University College of Dentistry

PO-240 Predoctoral Dental Students' Critical Thinking and Clinical Reasoning Skills: Baseline Data (W)

Jeanette DeCastro, Ph.D.; Duda Peter, D.M.D.; Kim Fenesy, D.M.D.; Markowitz Kenneth, D.D.S.; Herminio Perez, D.M.D.; Valerie Rico, D.M.D.; Schultz Michele, D.M.D. | Rutgers, The State University of New Jersey, School of Dental Medicine

PO-241 Longitudinal Mentoring in a Higher Education Setting (W)

Theresa A. Davies | Boston University Henry M. Goldman School of Dental Medicine

PO-242 Mapping Curricular Content in Geriatrics Within an Increasingly Integrated Curriculum (W)

Elisa M. Chavez, D.D.S.; Cindy Lyon, RDH, D.D.S., Ed.D. | University of the Pacific, Arthur A. Dugoni School of Dentistry

PO-245 Pilot Testing an Online Faculty Calibration System (W)

Elisabeth Van Tubergen, D.D.S., Ph.D.; Elisabeta Karl, D.D.S., Ph.D.; Tracy de Peralta, D.M.D., Ph.D., M.Clin. Ed.; Qiming Jin, D.D.S., M.S., Ph.D.; Vidya Ramaswamy, Ph.D.; Mary Ellen McLean, D.D.S.; Mark Ritzgerald, D.D.S., M.S.; Donald Heys, D.D.S., M.S.; Ronald Heys, D.D.S., M.S.; Carol A. Murdoch-Kinch, D.D.S., Ph.D. | University of Michigan School of Dentistry

PO-246 Shaping Tomorrow's Faculty: A Career Transition Program (W)

Mary Norma Partida, D.D.S., M.P.H.; Jeffery L. Hicks, D.D.S.; William Hendricson, M.S., M.A., M.Ed.; John Rugh, Ph.D.; John Littlefield, Ph.D.; Lakshmi Vishwanat, M.E.S., M.S., B.D.S. | University of Texas Health Science Center at San Antonio School of Dentistry

PO-248 The More the Merrier? Student Perceptions of Team-based CAD/CAM Learning (W)

Brooke Adams, D.D.S.; Michele Kirkup, D.D.S.; Lisa Willis, D.D.S., M.S.D.; Paul Reifeis, D.D.S., J.D., M.S.D. | Indiana University School of Dentistry

PO-249 Dental Education Comparison in Selected Asian Countries and the United States (W)

Takashi Komabayashi, D.D.S., M.D.S., Ph.D.; Yang Kang, D.D.S., Ph.D.; Namita Khandelwal, B.D.S., M.S. | University of New England College of Dental Medicine; Patcharawan Srisilapanan, D.D.S., M.S., Ph.D. | Chiang Mai University; AAA Razak, B.D.S., M.Sc., Ph.D. | University of Malaya; Yoshio Yahata, D.D.S., Ph.D. | Showa University; Kang-Ju Kim, D.D.S., Ph.D. | Wonkwang University

PO-250 Assessment of the Use of Antibiotics by Dental Health Care Professionals (W)

Shahrazad Aarup, D.D.S., M.A.; Liz Scott, D.D.S.; Cleverick D. Johnson, M.S., D.D.S. | University of Texas School of Dentistry at Houston

PO-252B A Newly Developed Technical Assessment of Dental Students in Japan (W)

Kunihiko Yoshida, D.D.S., Ph.D.; Katsumi Uoshima, D.D.S., Ph.D.; Nami Akiba, D.D.S., Ph.D.; Kazuhiro

Ono, D.D.S., Ph.D.; Takeyasu Maeada, D.D.S., Ph.D. | Niigata University; Keiichi Sasaki, D.D.S., Ph.D.; Yasuhisa Takeuchi, D.D.S., Ph.D.; Taichi Tenkumo, D.D.S., Ph.D.; Tohoku University; Kazuhiro Tsuga, D.D.S., Ph.D.; Motoyuki Sugai, D.D.S., Ph.D. | Hiroshima University

PO-252 Dental Hygiene Students' Reflections Participating in a Dental Sealant Program (W)

Charla J. Lautar, RDH, Ph.D.; Faith Y. Miller, RDH, M.S.Ed. | Southern Illinois University Carbondale

ADCFP Posters

MONDAY, MARCH 14 11:00 a.m. – 1:00 p.m.

ADCFP-001 Preschool-based Fluoride Varnish and Tooth-brushing Oral Health Promotion Program in Estelí, Nicaragua (A)

Nicholas Capezio | Boston University Henry M. Goldman School of Dental Medicine

ADCFP-002 Interprofessional Education: Do Health Professional Students Believe in the Power of Collaboration? (A)

Jamie Waller | Boston University Henry M. Goldman School of Dental Medicine

ADCFP-003 Assessment of Mirror Image Facial Asymmetries in Monozygotic and Dizygotic Twins (A)

Safeer Jiwa | Boston University Henry M. Goldman School of Dental Medicine

ADCFP-004 Quantitatively Assessing the Impact of First Year Required Non-clinical Service Learning (A)

Matthew Mara | Boston University Henry M. Goldman School of Dental Medicine

ADCFP-005 Efficacy of Pre-clinical Oral Cancer Screening, Tobacco and Alcohol Abuse Cessation Education: A Survey of Predoctoral Students and Clinical Professors in Dental Schools (A)

Richa Wahi | Boston University Henry M. Goldman School of Dental Medicine

ADCFP-006 Treatment for Denture Associated Oral Infections (A)

Manisha Viridi | Creighton University College of Dentistry

ADCFP-007 Effectiveness of Flipped Classroom in Teaching Periodontal Diagnosis and Treatment-planning (A)

Cliff Lee | Harvard School of Dental Medicine

ADCFP-008 Workflow Analysis of Oral and Maxillofacial Surgery Residents at a Single Institution (A)

Cameron Lee | Harvard School of Dental Medicine

ADCFP-009 Role of Pipeline Educational Programs (A)

Elizabeth Ng | Harvard School of Dental Medicine

ADCFP-010 Teaching Critical Thinking to Bridge Pre-clinical and Clinical Operative Dentistry (A)

Helen Yang | Harvard School of Dental Medicine

ADCFP-011 Analyzing the Frequency of Periodontal Maintenance at the HUCD Clinic (A)

Camesia Matthews | Howard University College of Dentistry

ADCFP-012 Implications of Impacted Maxillary Canines in Adults (A)

Desirea Scott | Howard University College of Dentistry

ADCFP-013 Constructively Shaping Minds in a Pre-clinical Laboratory Through iPad Technology (A)

Jeni Heselbarth | Indiana University School of Dentistry

ADCFP-014 Job Satisfaction Amongst Established Dental School Faculty (A)

Mona Singh | Indiana University School of Dentistry

ADCFP-015 Moving Lecture from the Classroom to a Digital Platform (A)

Andrew Elmer | Louisiana State University Health New Orleans School of Dentistry

ADCFP-016 Interactive Online Guides Link Classroom to Clinic (A)

Stephanie Grise | Louisiana State University Health New Orleans School of Dentistry

ADCFP-017 Antibacterial Bone Graft Materials (A)

Hillary Roberts | Midwestern University College of Dental Medicine-Arizona

ADCFP-018 CAD/CAM Restorations in Primary Dentition (A)

Jennifer Winslow | Midwestern University College of Dental Medicine-Arizona

ADCFP-019 The Roseman Bridge: An Alternative Long Lasting Bonded Bridge for the Replacement of Congenitally Missing Maxillary Lateral Incisors (A)

Carlin Cera | Roseman University of Health Sciences College of Dental Medicine-South Jordan, Utah

ADCFP-020 Phenytoin-induced Gingival Enlargement: Identification of Pathological Markers and Treatment Using Human Gingival Fibroblast-1 Cells (A)

Aaron Standing | Roseman University of Health Sciences College of Dental Medicine-South Jordan, Utah

ADCFP-021 Cultural Competence Training Experience in North American Dental Schools (A)

Brenda Appiah | Texas A & M University Baylor College of Dentistry

ADCFP-022 The Flipped Classroom Approach to Teaching Predoctoral Orthodontics (A)

Amrita Bhan | The Maurice H. Kornberg School of Dentistry Temple University

ADCFP-023 The Flipped Classroom Approach to Teaching Predoctoral General and Oral Histology (A)

Trent Gabriel | The Maurice H. Kornberg School of Dentistry Temple University

ADCFP-024 A Dental Student's Experience with Oral Health Inequity Enterprise (A)

Risha DeLeon | Tufts University School of Dental Medicine

ADCFP-025 Experience in Dental Education Through the Lens of a Second Year Student (A)

Lauren Gerkowicz | Tufts University School of Dental Medicine

ADCFP-026 Assessing the Efficacy of Learning Catalytics in the Dental School Curriculum (A)

Sara Golkari | Tufts University School of Dental Medicine

ADCFP-027 Student and Faculty Perspectives of Clinical Mentoring Styles at TUSDM (A)

Heather Leung | Tufts University School of Dental Medicine

ADCFP-028 Demographics and Operative Dentistry: Age and Gender Affecting Preclinical Performance (A)

Lauren Marzouca | Tufts University School of Dental Medicine

ADCFP-029 Academic Dental Careers Fellowship Program at University of California, San Francisco, School of Dentistry: Developing the Faculty of the Future (A)

Lucy Hallajian | University of California, San Francisco, School of Dentistry

ADCFP-030 Biologic Width: An Evidence-based Analysis (A)

Yolanda Ho, Ruth Yan | University of California, San Francisco, School of Dentistry

ADCFP-031 Dental Students' Perceptions of and Satisfaction With Faculty Diversity (A)

Wendan Li | University of California, San Francisco, School of Dentistry

ADCFP-032 ADCFP 2015-16: Exploring Academia in Dentistry Through a Collection of Teaching Experiences, Research and Faculty Mentorship (A)

Kathleen Marcelo | University of California, San Francisco, School of Dentistry

ADCFP-033 Curriculum Analysis and Improvement for University of California, San Francisco, School of Dentistry Pre-clinical Endodontic Course (A)

Caitlyn McGue | University of California, San Francisco, School of Dentistry

ADCFP-034 CAD/CAM Technology as a Self-assessment Tool for Dental Students (A)

Melissa Milder, Reina Kawazoe, Kathleen Marcelo, Nejad, Wendan Li | University of California, San Francisco, School of Dentistry

ADCFP-035 Development of CARECEN Promotora Program Case Management System (A)

Mona Nejad | University of California, San Francisco, School of Dentistry

ADCFP-036 Evidence-based Dentistry Journal Club (A)

Yat Tang, Reina Kawazoe | University of California, San Francisco, School of Dentistry

ADCFP-037 Introduction to Orthodontics: A Predoctoral Study Club (A)

Yat Tang, Janice Hwang | University of California, San Francisco, School of Dentistry

ADCFP-038 Beyond Clinical Dentistry: Exploring Avenues in Dental Academia (A)

Mahmoud El Shaer | University of Detroit Mercy School of Dentistry

ADCFP-039 OB Oral Health Program: My Experience Working with OBGYN Residents in Performing Oral Health Screenings (A)

Jason Hwang | University of Detroit Mercy School of Dentistry

ADCFP-040 My Experience in the ADEA Academic Dental Careers Fellowship Program (A)

Joshua Lange | University of Detroit Mercy School of Dentistry

ADCFP-041 A Learning Module: Principles of Operative Dentistry (A)

Noor Mahjoub | University of Detroit Mercy School of Dentistry

ADCFP-042 My Experience Teaching Module 2: Dental Anatomy and Waxing 101 to Undergraduate Students (A)

Zehra Zaid | University of Detroit Mercy School of Dentistry

ADCFP-043 Developing a Long-term Retention Learning Strategy for Dental Students—The CPR Paradigm (A)

Mudita Agrawal | University of Michigan School of Dentistry

ADCFP-044 A Retrospective Analysis of the Prenatal Oral Health Program at the University of North Carolina at Chapel Hill School of Dentistry (A)

Kelly Lipp | University of North Carolina at Chapel Hill School of Dentistry

ADCFP-045 Evaluating the Patient Perceptions and Key Drivers for Attending North Carolina Missions of Mercy Clinics, University of North Carolina (A)

Katharine Rossitch | University of North Carolina at Chapel Hill School of Dentistry

ADCFP-046 Exploring a Career in Academic Dentistry: From the Perspective of a Dental Student Enrolled in an Academic Career Track (A)

Aaema Athar | University of Pittsburgh School of Dental Medicine

ADCFP-047 Dental Academia: A Student's Perspective (A)

Sagar Chauhan | University of Pittsburgh School of Dental Medicine

ADCFP-048 The Curious Path Toward Teaching (A)

David J. Cole | University of Pittsburgh School of Dental Medicine

ADCFP-049 Academic Career Planning During Dental School: An Overview (A)

Sneha R. Godi | University of Pittsburgh School of Dental Medicine

ADCFP-050 To Teach, to Learn, to Inspire, to Conquering Goals and Dreams (A)

Mandana M. Shaya | University of Pittsburgh School of Dental Medicine

ADCFP-051 Balancing Private Practice and Teaching: The Development of a Young Clinician-educator (A)

John S. Snee | University of Pittsburgh School of Dental Medicine

ADCFP-052 Does an Interactive Multi-media Module Enhance Dental Students' Knowledge of the Anatomy of Intra-oral Injections? (A)

Mai Luk | University of Texas Health Science Center at San Antonio School of Dentistry

ADCFP-053 Do School of Dentistry and School of Health Professions Faculty Members' Have Different Perceptions of the Need for Training in Teaching Methods? (A)

Elena Riccio | University of Texas Health Science Center at San Antonio School of Dentistry

ADCFP-054 What are Best Practices for Recruiting and Retaining Patients for a Predoctoral (Dental Student) Clinic? (A)

Ellis Shwartz | University of Texas Health Science Center at San Antonio School of Dentistry

ADCFP-055 Do Students in a Teaching Honors Program (THP) Have Different Perspectives About Academic Careers Than Students not in a THP? (A)

Jaclyn Vu | University of Texas Health Science Center at San Antonio School of Dentistry

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ADEA TECHEXPO

All ADEA TechExpo events are located in the Colorado Convention Center in Exhibit Hall A. For abstracts, please see the February 2016 issue of the *Journal of Dental Education*. Events are sorted by presentation day and listed in numerical order.

SUNDAY, MARCH 13 1:00 – 3:00 p.m.

TE-001 Digitizing The Facebook: A Communication Tool for Dentistry

Les Kalman, GPR, AAF (AAID), Diplomate (ICOI)
I Western University Schulich School of Medicine
& Dentistry

TE-002 Making it Real! Enhanced Predoctoral Simulated Experiences in Implant Rehabilitation

Ryan R. Vahdani, D.D.S., M.S.; Joseph A. Toljanic,
D.D.S.; Preetha P. Kanjirath, B.D.S., M.D.S., M.S.; Marsha
A. Babka, D.D.S. I Midwestern University College of
Dental Medicine-Illinois

TE-007 Animation Creation to Illustrate Mandibular Movement for Predoctoral Instruction in Dental Anatomy and Occlusion

Chi D. Tran, D.D.S.; Mark Booth, D.D.S.; Daniel
Castagna, D.D.S.; Richard White, D.D.S. I University
of the Pacific, Arthur A. Dugoni School of Dentistry

TE-011 Complete Denture Prosthodontics: A Legacy Textbook Becomes an iBook Legacy

Tyler V. Verhaeghe, B.M.Sc., D.D.S., M.Ed. I University
of Alberta School of Dentistry

TE-013 When CAD/CAM Meets CAT/CALL: Techy Teaching and Learning

Steven Resnick, D.D.S.; Colleen A. Watson, D.D.S.; Tara
Byrd, D.D.S.; Steven Fisher, D.D.S. I New York University
College of Dentistry

TE-017 Fabricating Indirect Tooth Colored Restorations: Teaching the Use of the CEREC CAD/CAM Machine

Martine Mandracchia, D.M.D., FICD; Duane Timothy
Culotta, D.D.S.; Mary Fathy Fawzy. Morcos, D.D.S.; Mina
Nagui Antoun. Saadalla, D.D.S. I New York University
College of Dentistry

TE-018 Faculty CAD/CAM Calibration Using Student's Preparations and Biogenetic Individual Mode

Josephine Lomangino-Cheung, D.D.S., M.S.; Gerald
Klaczany, D.D.S.; Teresita Salgado, D.D.S., M.S.; Denise
Estafan, D.D.S. I New York University College of Dentistry

TE-019 From Electronic Health Records to Research Data: The Conversion Process

Gerard Andres Camargo, M.P.H. I East Carolina
University School of Dental Medicine

TE-020 High-fidelity Simulation Training for Managing Medical Emergencies: Best Practices

Mary A. Egan-Kramer, B.S.N., B.S.D., D.D.S. I
Midwestern University College of Dental Medicine-
Illinois

TE-022 Improving Students' Learning Experience of CAD/CAM Technology Utilizing Mediasite

Elise Eisenberg, D.D.S.; Sarah C. Vignola; Monica
Bebawy; Denise Estafan, D.D.S. I New York University
College of Dentistry

TE-023 Incorporating CAD/CAM Technology and Skills Into the Curriculum—Fabrication of Indirect Tooth Colored Restorations with Protocol Compliance

Angela De Bartolo, D.D.S.; Dominick M. Congiusta,
D.D.S., FAGD; Jerome Kaplan, D.D.S.; Harutunian
Michele, D.D.S. I New York University College of Dentistry

MONDAY, MARCH 14 10:00 a.m. – noon

TE-004 Utilizing Qualtrics as an Efficient and Meaningful Formative Feedback Assessment Tool

Hubert K. Chan, D.D.S.; Brent Fung, D.D.S.; Sandra M. Farah-Franco, D.D.S.; Alexander L. Lee, D.M.D. | Western University of Health Sciences College of Dental Medicine

TE-005 Let's play! Shaping Millennials With Gamification and Online Technology

Anitha Potluri, B.D.S., D.M.D., M.D.Sc.; Elizabeth Ann Bilodeau, D.M.D., M.D., M.S.Ed. | University of Pittsburgh School of Dental Medicine

TE-006 Utilizing Integrated Case Presentation as A Learning Platform to Facilitate Team Based Learning

Angela De Bartolo, D.D.S.; Maria P. Rodriguez Cardenas, D.D.S.; David Hershkowitz, D.D.S.; Bruce Brandolin, D.D.S. | New York University College of Dentistry

TE-008 Using an Interactive Software to Enhance our Scholarship Application and Selection Process at Virginia Commonwealth University School of Dentistry

Michael Healy, D.D.S., M.Ed.; Michael Talley | Virginia Commonwealth University School of Dentistry

TE-009 Use of an Electronic Tablet in the Clinical Evaluation of Students

James H. Bekker, D.M.D.; Victor A. Sandoval, D.D.S., M.P.H.; Lorin Hardy; Greg Parr | University of Utah School of Medicine

TE-010 TURNITIN: an Indispensable Tool for Online Grading, Writing Analysis, Peer Review and Plagiarism

Leslie Koberna, RDH, B.S.D.H., M.P.H./HSA, Ph.D. | Texas Woman's University

TE-012 Demonstration of Overlay Multiple Exposure Digital Illustration Technique in Series of Motion Generation

Parvati Iyer, D.D.S.; Chi D. Tran, D.D.S.; Mark Booth, D.D.S.; Peter Hansen, D.D.S. | University of the Pacific, Arthur A. Dugoni School of Dentistry

TE-014 The Collaboratory: Tomorrow's Learning Environment Today

Elizabeth Carr, DHA, RDH; Teresa B. Duncan, RDH, M.D.H.; Beckie M. Barry, Ph.D., RDH | University of Mississippi Medical Center, School of Health Related Professions

TE-015 Strategies and Systems for Engaging Learners in Synchronous Online Learning

Eric Bernstein, J.D., Ed.D. | University of Connecticut School of Dental Medicine

TE-016 Shaping Tomorrow's Interprofessional Communication: Integrating Medical Consultation into a Digital Format

Shawn S. Adibi, D.D.S., M.Ed.; Gargi Mukherji, D.D.S. | University of Texas School of Dentistry at Houston

TE-021 Pathway of Care Algorithm: Using Technology to Triage Dental Emergencies

Gargi Mukherji, D.D.S.; Harry Gilbert, D.D.S.; Laura Cox, RDA | University of Texas School of Dentistry at Houston

TE-024 RFID Technology: Improving Dental Education and Patient Safety

Steven Connor, M.A.; Ronnie Myers, D.D.S.; Philip Jennette; Steven Erde, Ph.D., M.D. | Columbia University College of Dental Medicine

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EXHIBITION

Ultradent Products, Inc. [Booth 900]



505 West 10200, South
South Jordan, UT 84095
801-553-4266 Fax: 801-572-0600

Camille Van Dusen

camille.vandusen@ultradent.com
www.ultradent.com

Ultradent Products is a leading developer of high-tech dental and hygiene materials, devices and instruments worldwide. Ultradent's mission is to improve the level of oral health care and to make dental procedures more predictable and hassle-free.

Unimed Government Services, LLC dba UGS Medical and UGS Dental [Booth 401]



21370 Heywood Avenue
Lakeville, MN 55044
202-670-3711 Fax: 978-759-0285

Judith Manchester

jmanchester@ugsmedical.com
www.ugsmedical.com

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VitalSource Technologies, Inc. Ingram Content Group [Booth 1009]



One Ingram Blvd.
La Vergne, TN 27601
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Amy Alder

amy.alder@ingramcontent.com
www.vitalsource.com

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Whip Mix Corporation [Booth 1006]



361 Farmington Avenue
Louisville, KY 4020
502-637-1451 Fax: 502-634-4512

Rita Davis

rdavis@whipmix.com
www.whipmix.com

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XDR Radiology [Booth 1202]

11300 W. Olympic Blvd. Suite 710
Los Angeles, CA 90064
888-937-9729 Fax: 888-937-9728

Adam Chen, D.D.S.

service@xdrradiology.com

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Zimmer Biomet [Booth 408]



4555 Riverside Dr
Palm Beach Gardens, FL 33410
561-776-6875

Sherry DeGouw

sherry.degouw@zimmerbiomet.com
www.zimmerbiomet.com

Zimmer Dental and Biomet 3i have joined forces to become a leader in oral healthcare solutions as the Zimmer Biomet dental division. We are committed to helping clinicians achieve exceptional outcomes for their patients by continuing to provide state-of-the-art solutions, along with exceptional customer service and technical support. The Zimmer Biomet dental division offers a comprehensive product portfolio, world-class educational opportunities and responsive, personalized service.

Educational Exhibitors

AAL [Booth 907]

3565 Piedmont Road, NE
Building 1, Suite 430
Atlanta, GA 30305
404-350-2098 Fax: 404-350-2099

George Weinstein

gweinstein@aalgroun.org

AAL partners with ADEA to provide the best in professional, personal, and organizational growth and development. Since 2005, we have assisted hundreds of institutions, with a focus on dentistry and dental hygiene. All of our experts are from academia, so we understand your needs and challenges. We offer onsite and online courses with CEs; a Master's degree in Health Professions Education; and consulting services, including strategic planning, curriculum development, accreditation and coaching.

American Association for Dental Research (AADR) [Booth 1008]

1619 Duke Street
Alexandria, VA 22314
703-299-8093 Fax: 703-548-1883

Ingrid Thomas

ithomas@iadr.org
www.iadr.org

The American Association for Dental Research (AADR), headquartered in Alexandria, Va., is a non-profit organization with nearly 3,400 members in the United States. Its mission is (1) to advance research and increase knowledge for the improvement of oral health; (2) to support and represent the oral health research community; and (3) to facilitate the communication and application of research findings. AADR is the largest Division of the International Association for Dental Research (IADR).

American Dental Association (ADA) [Booth 910]

211 East Chicago Avenue
Chicago, IL 60611-2678
312-440-2809 Fax: 312-440-2883

Susana Galvan

galvans@ada.org
www.ada.org/en/about-the-ada

Founded in 1859, the not-for-profit American Dental Association is the nation's largest dental association, representing more than 157,000 dentist members. Since then, the ADA has grown to become the leading source of oral health related information for dentists and their patients. The ADA is committed to its members and to the improvement of oral health for the public. The ADA's vision is to be the recognized leader on oral health with its mission to help all members succeed.

Healthcare Learning [Booth 1005]

Baird House
4th Floor, 15-17 Cross St
London, EC1N 8UW United Kingdom
44 (0) 207 400 8989

Christian Jago

christian.jago@healthcare-learning.com
www.healthcare-learning.com

Healthcare Learning: Smile-on has succeeded in establishing itself as a leading provider of undergraduate and postgraduate health care education. They are the founder of the Global Dental Schools Network, which provides access to off-the-shelf, bespoke and collaborative educational content for dental undergraduates around the world. They are currently working with 25 of the world's top universities including New York University, Temple University, ACTA and Philipps University of Marburg.

Image Gently: Alliance for Radiation Safety in Children [Booth 812]

1891 Preston White Drive
Reston, VA 20191
703-476-3235 Fax: 703-476-3235

Aditya Tadinada, D.D.S., M.S.

tadinada@uchc.edu
www.imagegently.org

The mission of the Alliance for Radiation Safety in Pediatric Imaging (the Image Gently Alliance) is, through advocacy, to improve safe and effective imaging care of children worldwide. The dentistry component, started in 2014, advocates minimizing radiation dose to the patient while acquiring the necessary diagnostic information.

EXHIBITION

New York University Lutheran Dental Medicine [Booth 403]

150 55th Street
Brooklyn, NY 11220
718-630-8524 Fax: 718-630-8714

Becky Herman

becky.herman2@nyumc.org

New York University Lutheran Dental Medicine is the largest postdoctoral dental residency program in the world with 6 CODA approved specialty training programs in AEGD, GPR, DPH, Pediatric Dentistry, Dental Anesthesiology and Orthodontics. We provide patient centered education while treating the world's neediest citizens in underserved communities.

Professions Quest [Booth 409]

1727 King Street, Floor 2
Alexandria, VA 22314
703-739-2330 ext. 1041 Fax: 703-836-8982

Ruth Nemire

rnemire@aacp.org
www.aacp.org

Professions Quest is a game design company which is wholly owned by the American Association of Colleges of Pharmacy. Their mission is to transform inter-professional education by developing Mimycx, a multiplayer virtual team-based learning solution that provides true multi-collaborative critical thinking, scholarship, and problem solving skills to produce a new generation of professionals. Mimycx will truly provide an unprecedented virtual interactive learning platform for health professions education.

University of California, San Francisco, School of Dentistry [Booth 909]

513 Parnassus Ave.
San Francisco, CA 94143
415-514-0778

Dina Abuelezam

Dina.Abuelezam@ucsf.edu
dentistry.ucsf.edu

For over 125 years, the University of California, San Francisco, School of Dentistry has educated men and women of science while improving public health through excellence in teaching, research, patient care, and service in the dental and craniofacial sciences. We foster an inspired environment where individuals identify themselves as scholars through service as clinicians, educators and scientists. We seek to provide a stimulating and supportive educational environment for a diverse constituency of faculty and students.

University of Missouri - Kansas City School of Dentistry [Booth 902]

26419 S. Southlake Drive
Harrisonville, MO 64701
816-380-2221 Fax: 816-380-2969

Trent Vu

tvu@vucommunication.com
www.cewebinar.com

The University of Missouri - Kansas City School of Dentistry and CE Webinar are proud to announce the new format for the NBDE Parts I and II Review Courses. These courses are broken up into an on-demand and a live component. The on-demand component is broken down into a series of concept driven mini-lectures. This format will allow students to focus their studying by targeting specific topics they need to cover. The LIVE component will focus on practicing taking sample exam questions with our professors in a live online setting.

University of New England College of Dental Medicine [Booth 1010]



716 Stevens Avenue
Portland, ME 04103
207-221-4225

Amanda Langley

alangley1@une.edu
www.une.edu

The University of New England College of Dental Medicine welcomes applicants to our Doctor of Dental Medicine program.

Exhibitors Participating in the Exhibitor Raffle

Each ADEA Annual Session & Exhibition registrant received a raffle card at registration in his or her conference bag. In order to participate in the Exhibitor Raffle, the card must be stamped by 20 exhibiting companies. Fully completed cards can be entered in the raffle for a chance to win prizes. Simply drop them in the raffle bin in the Exhibit Hall near the ADEA booth. There are two opportunities to participate in the raffle—Sunday, March 13, 1:30 p.m. and Monday, March 14, 1:00 p.m. Participants must be present to win.

The following exhibitors have generously donated to the raffle:

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- DentalEZ
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- Whip Mix
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JDE OFFICE HOURS

DAYS	TIME	STAFF	DISCUSSION TOPIC
Sunday, March 13	12:30 – 1:30 p.m.	Dr. Nadeem Karimbux <i>Editor</i>	Article topics of interest
Monday, March 14	9:45 – 11:00 a.m.	Dr. Lynn Whittaker <i>Executive Managing Editor</i>	Manuscript writing
	11:00 a.m. – noon	Sarah Burstyn <i>JDE Project Manager</i>	The submission process
	Noon – 1:30 p.m.	Dr. Marita Inglehart <i>Associate Editor</i>	Article topics of interest



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to seeing you!**

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Find out more about next year's **ADEA Annual Session & Exhibition**, scheduled for **March 18-21**, at adea.org/2017.

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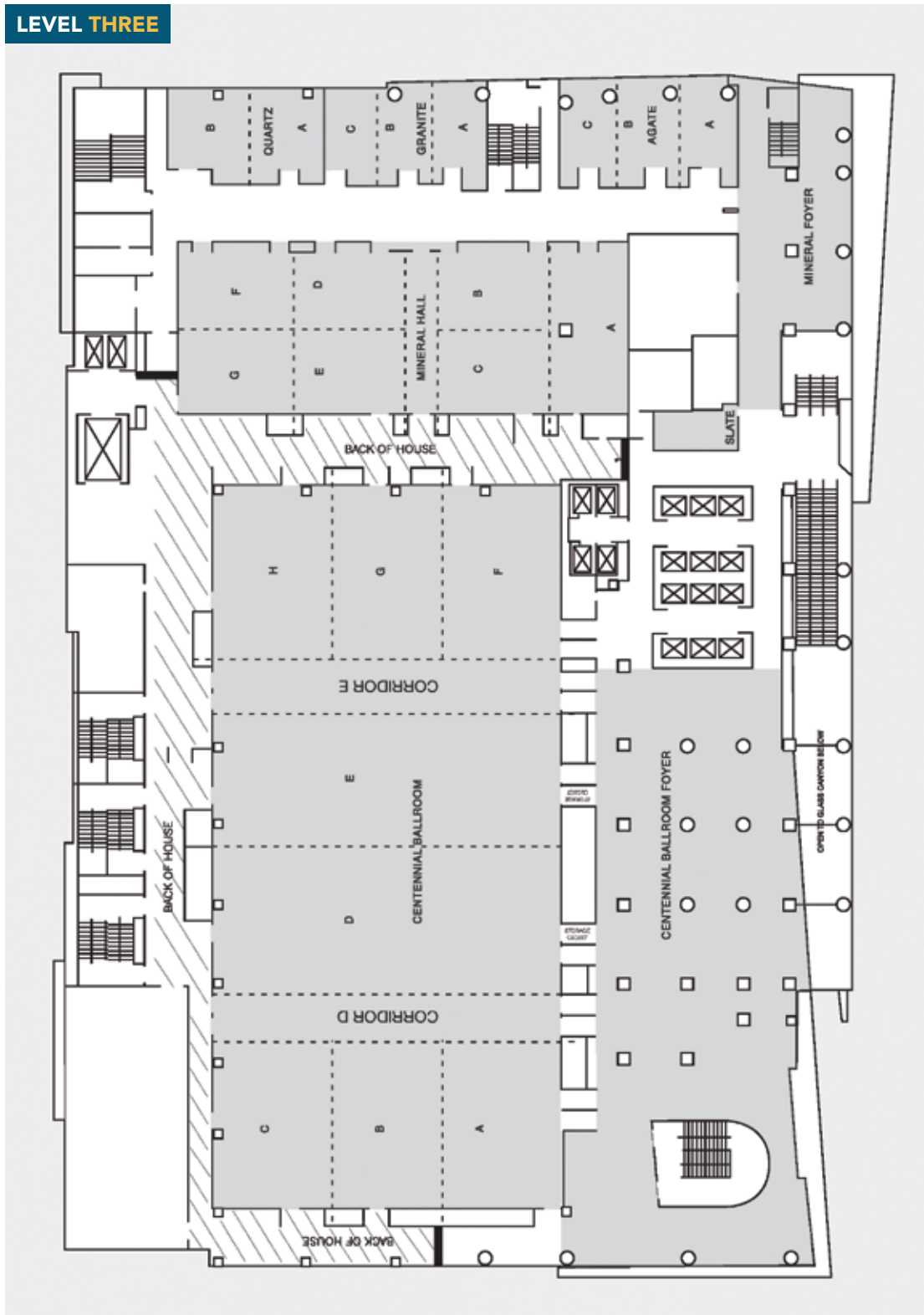


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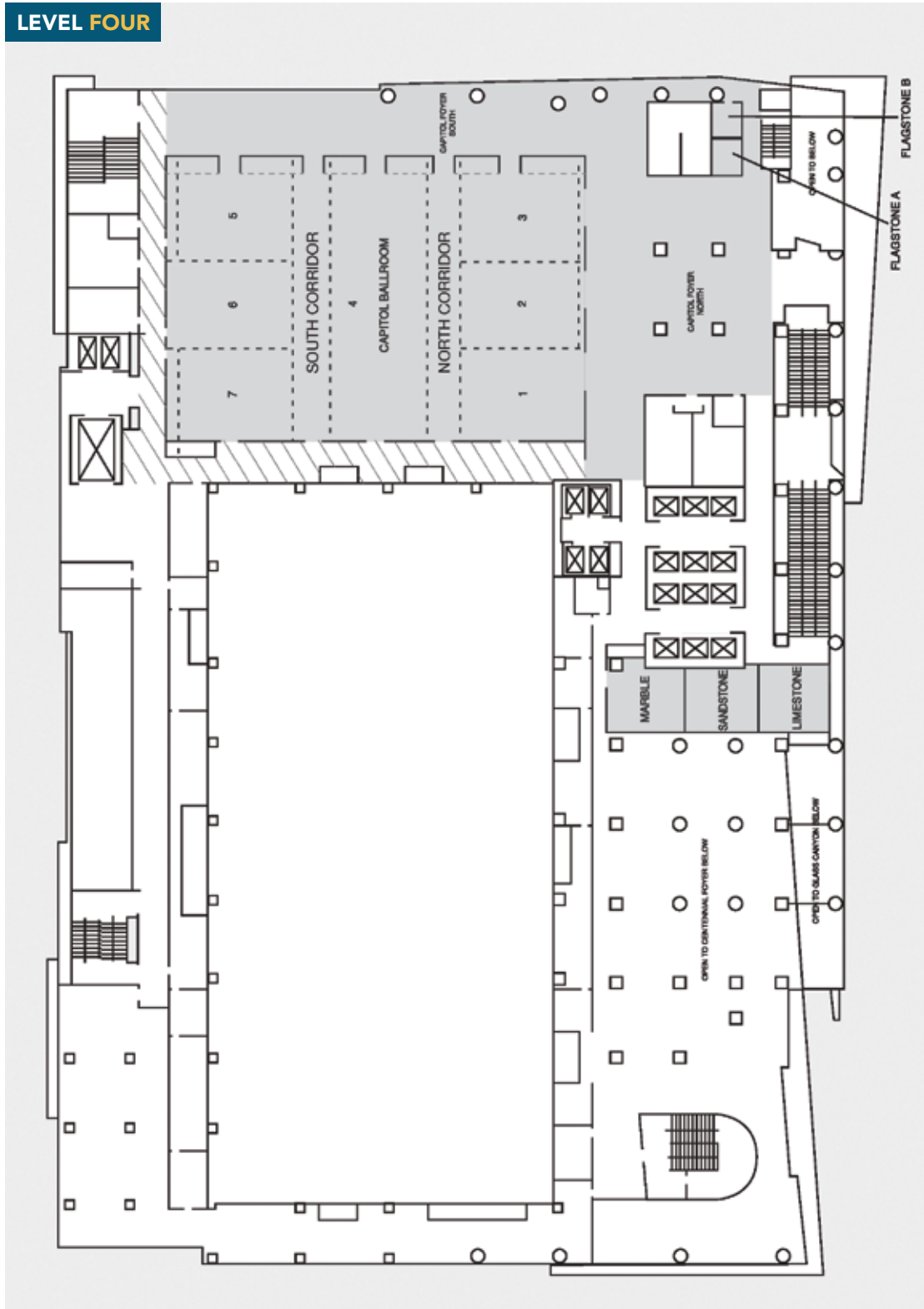
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Hyatt Regency

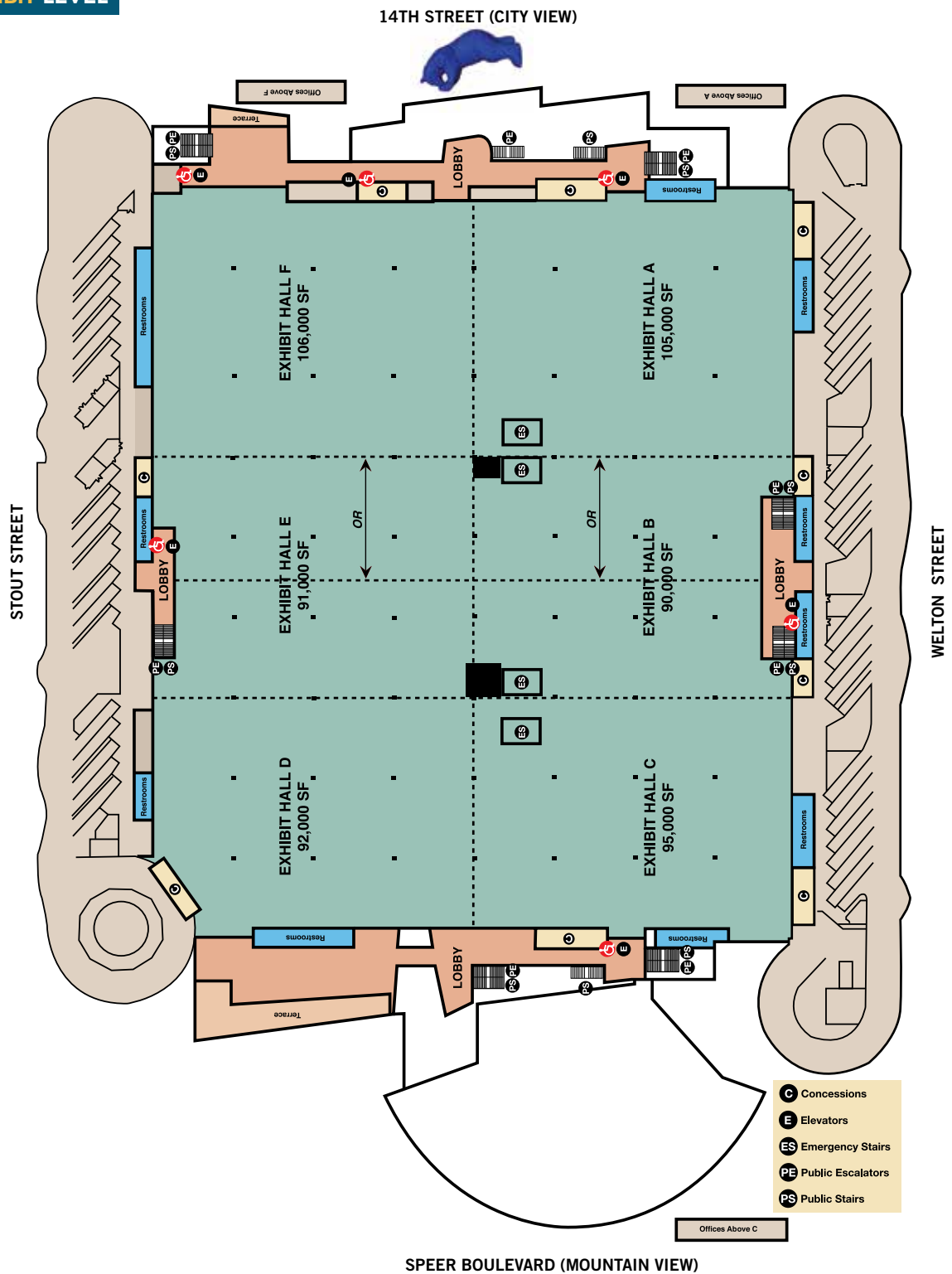
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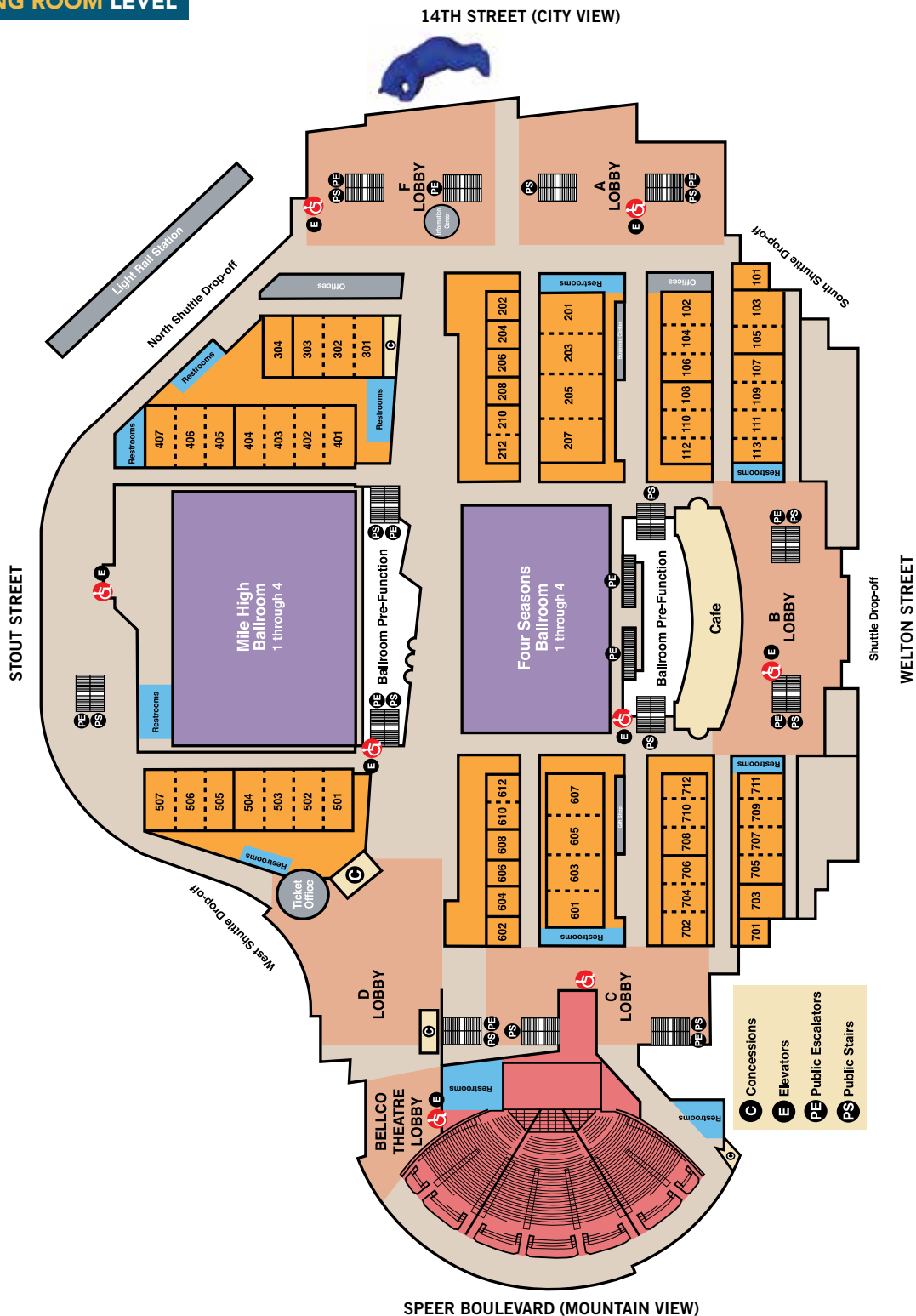
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EXHIBIT LEVEL



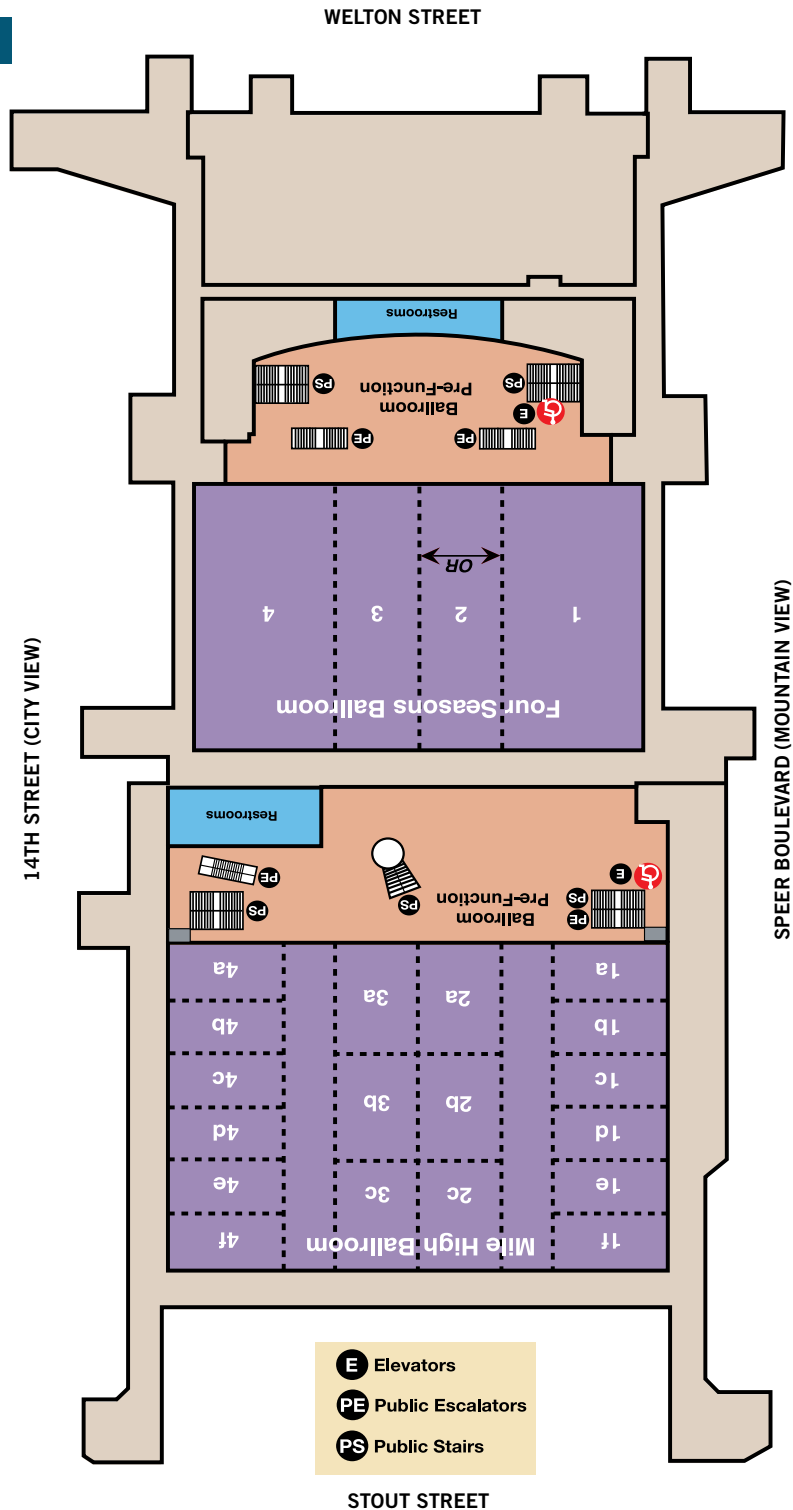
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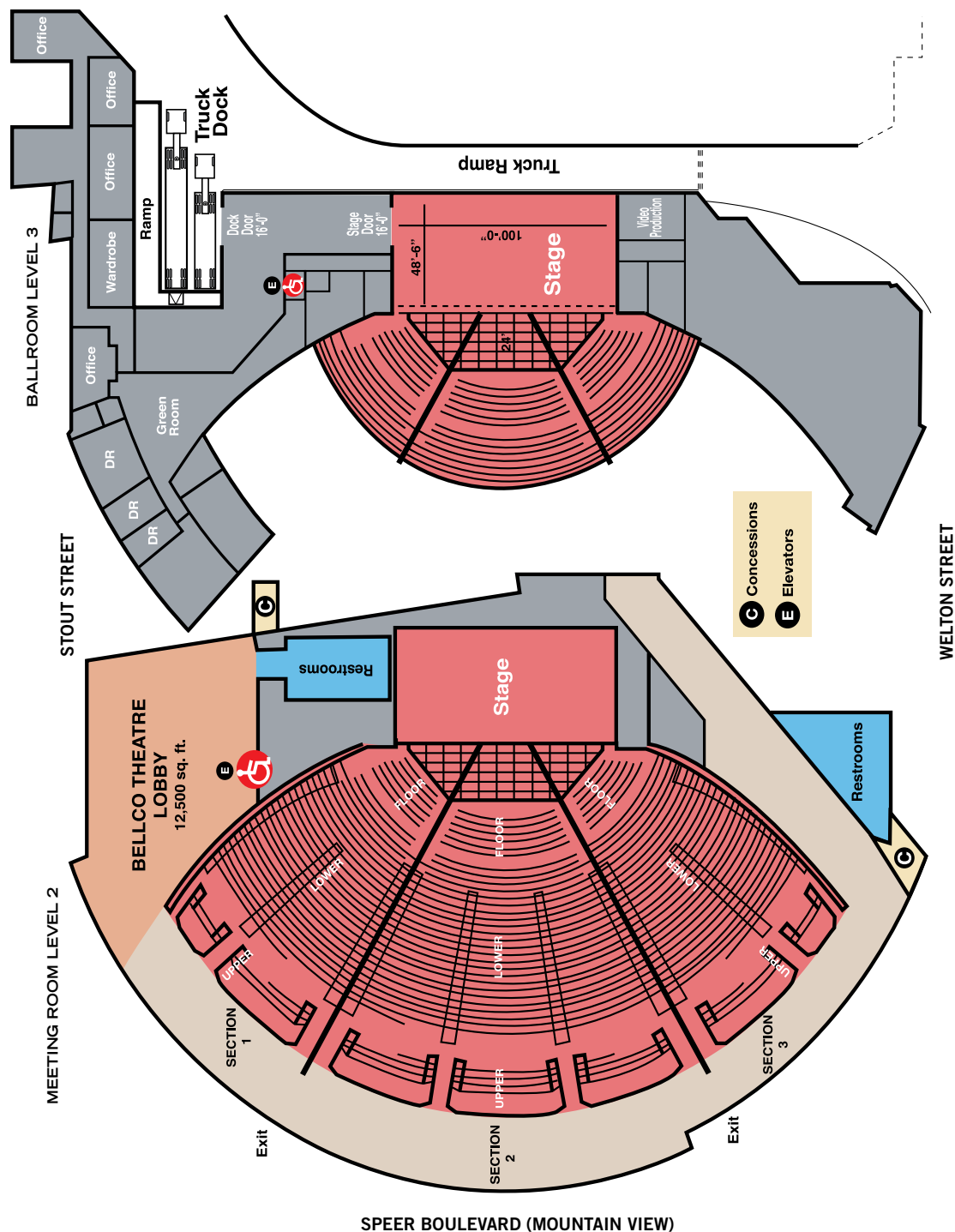


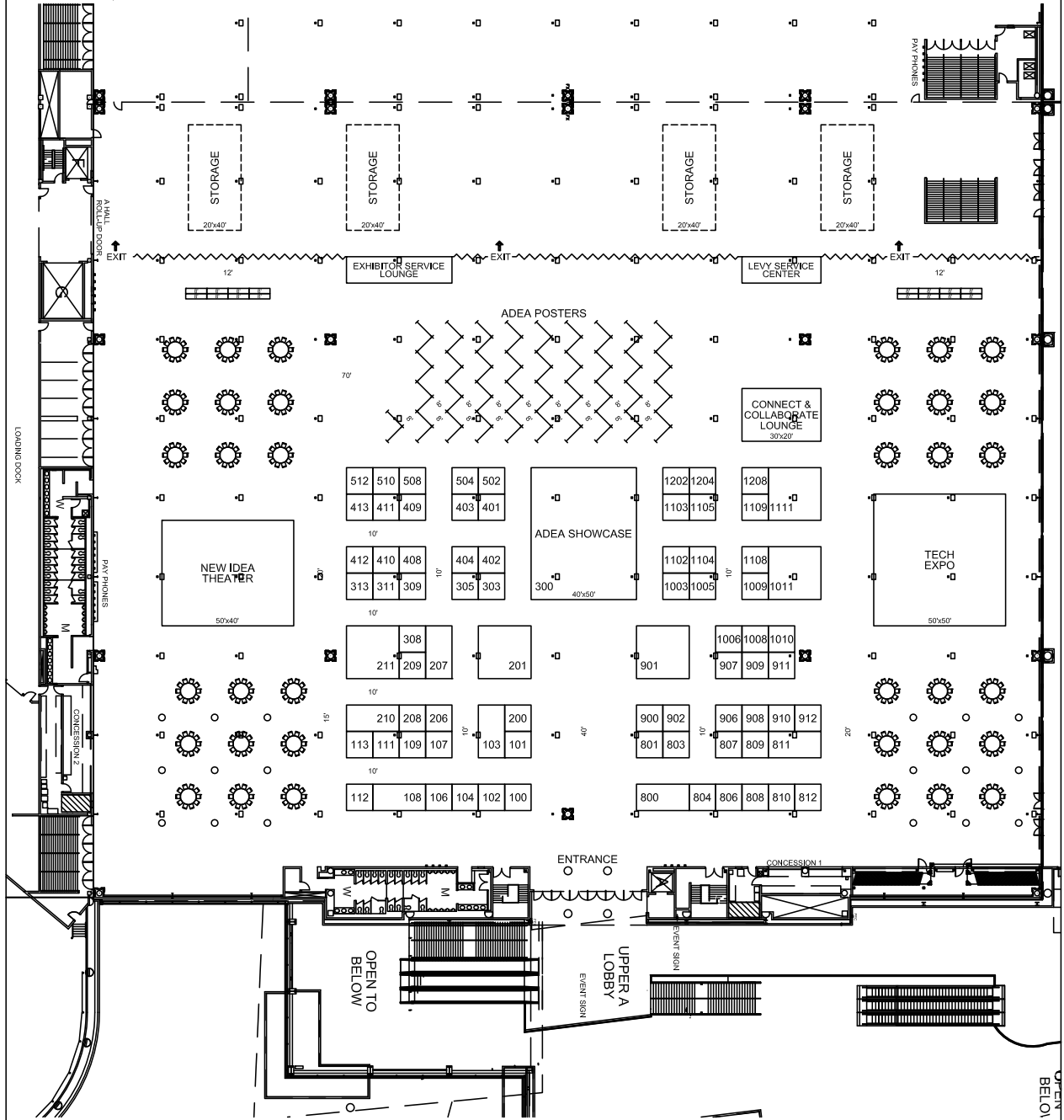
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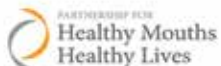




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