



# Shaping the future of dental education

**A JOINT ADEA – ADEE MEETING HOSTED IN KING'S COLLEGE LONDON**
**MAY 2017**

## Welcome to London

The American Dental Education Association (ADEA) and the Association for Dental Education in Europe (ADEE) have had a strong historical relationship based on a mutual desire for the advancement of dental education. While there are differences between the two associations' contextual environments and operational activities, in recent years it has become clear that the challenges faced by the association's and by their respective memberships are becoming ever more interrelated.

To help explore and investigate these areas of commonality, the ADEE-ADEA collaborative Special Interest Group (SIG) was introduced at the ADEE annual meeting in Riga, Latvia in 2014. The SIG has since held meetings in Boston, MA and Szeged, Hungary in 2015, and in Denver, CO in March 2016, Barcelona, Spain in August 2016 and most recently Long Beach CA in March 2017.

Discussions at these meetings has directly led to us being here today at King's College London where we start our journey of **"Shaping the future of dental education"**. Over the coming days we will focus on elements of mutual interest and expose participants to the wider discussions occurring within the rapidly changing international dental education context. To create the most meaningful experience possible for our collective

members, this new joint effort must result in tangible outcomes that are of clear value to meeting attendees. Together we will:

1. Identify key challenges impacting the future of dental education in various parts of the world.
2. Identify opportunities for global collaboration to address these challenges.
3. Identify and share future trends and explore opportunities to work together to address/optimize them.
4. Share best practices that can be used on local, regional and global levels.
5. Develop a plan and mechanisms for continuing communication between meetings.
6. Develop a global response to improve oral health through dental education.

Within these pages, you will find out more about; the four streams of our workshops, their chairs and facilitators and what we expect to achieve over the coming days. You will also find some useful information to help you get around London and how you can make the most of your time here.

We look forward to speaking with many of you one to one over the coming days.

Gathering in London is but the start of this exciting journey and over the coming months the workshop chairs will continue to work with the facilitators and rapporteurs to ensure delivery of our tangible outputs. All output once complete will be made available on the meeting webpage and distributed to members of ADEE and ADEA.

It really is our great pleasure to welcome so many friends and colleagues from the five continents to our joint meeting. We would like to thank our colleagues in King's College for hosting our meeting and also our dedicated meeting organising committee for their work over the past 2 years in developing and delivering the meeting. We wish you a productive and enjoyable experience and encourage you to participate fully in creating the future of dental education.



Corrado Paganelli  
President ADEE



Leon Assael  
Chair of ADEA Board

## Contents

<b>Welcome to London</b> .....	<b>1</b>
Event Programme .....	3
Plenary Keynote: Dr Bertalan Mesko .....	4
Getting around London .....	4
<b>Workshop stream 1: Global Networking the how and why for dental educators</b> .....	<b>5</b>
Workshop aims and objectives: .....	5
The global network workshop team: .....	5
<b>Workshop stream 2: Inter-professional Education: an imperative for dental education</b> .....	<b>6</b>
Workshop aims and objectives: .....	6
The inter-professional education workshop team: .....	6
<b>Workshop stream 3: The impact of new technological and scientific discoveries on traditional dental education</b> .....	<b>7</b>
Workshop aims and objectives: .....	7
The inter-professional education workshop team: .....	7
<b>Workshop stream 4: Assessment in a global context</b> .....	<b>8</b>
Workshop aims and objectives: .....	8
The assessment in a global context workshop team: .....	8
<b>Meet our workshop rapporteurs:</b> .....	<b>9</b>
<b>Organising committee:</b> .....	<b>10</b>
<b>King's College London – Guy's Campus Map</b> .....	<b>11</b>
<b>Workshop programmes</b> .....	<b>12</b>
Global Networking: the how and why for dental educators .....	12
Inter-professional Education: an imperative for dental education .....	13
The impact of new technological and scientific discoveries on traditional dental education .....	14
Assessment in a global context .....	15
<b>Corporate Partners Lunchtime Programme</b> .....	<b>16</b>
<b>About ADEA and ADEE</b> .....	<b>16</b>

# Event Programme

## Sunday 7 May 2017

### 10:00 to 17:00: ACFF/KCL Pre-Meeting Workshop

The Shape of the Future of Dental Education for Dental Caries (and how to get there)

In partnership with:



### 19:00 to 21:00: Welcome reception

Join us in the very heart of London in the splendour of the Governors Hall of St Thomas's Hospital for an informal gathering over a glass of wine and some light refreshments to start our networking and collaborative session.

Kindly sponsored by:



## Day One: Monday 8 May 2017

### 09:00 to 10:00: Arrivals

Registration, networking and welcome coffee

### 10:00 to 10:30: Opening and welcome (Lecture Hall 1 New Hunt House)

Contextualising the meeting and initial exploration of topics

### 10:30 to 11:15: Opening Plenary: [Dr. Bertalan Mesko](#) (Lecture Hall 1 New Hunt House)

### 11:30 to 13:00: Chaired Panel Discussion (Lecture Hall 1 New Hunt House)

Open forum discussion and Q&A with the parallel session leads

### 13:00 to 13:30: Lunch

### 13:30 to 13:55: Corporate Partners programme

### 14:00 to 17:00: Parallel Session One

Discussion and debate around the rationale, context, best practice, local and regional variations

### Evening: Delegates free to explore London

## Day Two: Tuesday 9 May 2017

### 09:00 to 09:15: Arrivals

Networking and welcome coffee

### 09:15 to 10:00: Welcome Day 2 (Lecture Hall 1 New Hunt House)

A chaired session providing workshop leaders to report on activity from Day 1

### 10:00 to 13:00: Parallel Session Two (Breakout rooms)

Discussion and debate around the Challenges, Opportunities, Future trends, Position Paper

### 13:00 to 13:30: Lunch

### 13:30 to 13:55: Corporate Partners programme

### 14:00 to 16:30: Closing Plenary

Parallel session feedback and plans to progress output

### 16:30 to 17:00: Departures



## Plenary Keynote: Dr Bertalan Mesko

The American Dental Education Association and The Association for Dental Education in Europe with the assistance of our corporate partners in FollowApp.Care are honoured to bring you our key note speaker Dr Bertalan Mesko.



Dr. Bertalan Mesko, PhD is the Medical Futurist. As a geek physician with a PhD in genomics and Amazon Top 100 author, he envisions the impact of digital health technologies on the future of health, and helps patients, doctors, government regulators and companies make it a reality.

With 500+ presentations including courses at Harvard, Stanford and Yale Universities, Singularity University's Futuremed course at NASA Ames campus and organisations including the 10 biggest pharmaceutical companies, he is one of the top voices globally on healthcare technology.

Dr. Mesko was featured by dozens of top publications, including CNN, the World Health Organization, National Geographic, Forbes, TIME magazine, BBC, and the New York Times.

His popular blog, MedicalFuturist.com has more than 3 million readers, and he is one of LinkedIn's top voices in healthcare

This session is kindly supported by:



## Getting around London

Given its proximity to **London Bridge Underground and rail station**, King's College London is a central and perfect location for any international meeting.



**The London Underground:** London Bridge underground station is served by

the **Northern** and **Jubilee** lines and opens an array of possible transport connections. London Underground gives delegates considerable transport options and flexibility at low costs. Connections with national rail and all airports are easy and convenient.

We advise delegates to purchase an Oyster card at ticket machines and top this up with no more than £20; this should cover the bulk of your transport costs for the two-day meeting.

### FOR MORE INFORMATION ON THE LONDON UNDERGROUND

Visit the Transport for London website <https://tfl.gov.uk/>

Information on the Oyster card is available at

<https://tfl.gov.uk/fares-and-payments/oyster/what-is-oyster>

**As with all large European cities, we advise you take extreme care of your personal belongings while travelling on the underground, purchasing your tickets and around the city.**

- **Be alert and vigilant**
- **Mind your valuables and luggage**
- **Be conscious of pick-pockets**
- **Avoid busy peak periods 08:30 - 09:00 and 17:30 - 18:30**

**Taxi Services:** London Taxis (the world famous Black Cabs) are regulated and can take you from door to door at reasonable rates.

- **There is a minimum fare of £2.60 at all times regardless of distance.**
- **Once a taxi journey reaches a certain distance, the rate at which the taxi fare increases changes.**
- **Due to London traffic short distance can have lengthy travel time**

# Workshop stream 1: Global Networking the how and why for dental educators

## Workshop aims and objectives:

Thanks to advances in technology and social media, dental education now sits on a global stage. With one click of a button today's dental students and educators are able to experience a wide array of dental techniques and teachings as well as engage peers from around the world. Because of the ease with which we can connect with an international audience, there is desire among many students and faculty to create a global network within dental education.

- But what exactly is a global network?
- Why is it important?
- What are the benefits that a global network provides?
- More importantly, what are the challenges and barriers that exist to creating a global network?

This workshop will explore these questions within a uniquely international context. Specifically participants in this workshop will:

- Engage in a discussion with dental educators from around the world about why developing global networks is important;
- Identify key challenges that exist in creating and sustaining global networks and develop strategies for addressing these challenges;
- Hear from participants who have established global networking to begin development of best practice models for creating global networks.

## The global network workshop team:

This workshop stream is led by Session Chair, Dr Huw Thomas.



**Dr Huw F. Thomas, B.D.S., M.S., Ph.D.,** is Dean at Tufts University School of Dental Medicine, Boston.

Dr Thomas is no stranger to London having received his B.D.S. (Dental Degree) from Guy's Hospital, University of London, England, in 1975. In 1978, he received a Pediatric Dentistry Certificate from Eastman Dental Center, Rochester, NY, and M.S. (Dental Research) from the University of Rochester, Rochester, NY. In 1980, he moved to the

University of Connecticut Health Center, Farmington, CT, where he received his Ph.D (Biomedical Sciences) in 1986. He was appointed Dean, School of Dentistry at University of Alabama at Birmingham, in January 2004. On August 1, 2011, he was appointed Dean and Professor of Pediatric Dentistry at Tufts University School of Dental Medicine.

Dr. Thomas has given more than 100 lectures and continuing education courses at various Universities, Associations and Study Clubs throughout the United States, Europe and Asia. He is the author or co-author of over 150 published articles, chapters and abstracts in a broad spectrum of scientific journals. Dr. Thomas holds Fellowships in the American Academy of Pediatric Dentistry (AAPD), American College of Dentists and International College of Dentists, and is a member of several national and international associations and societies. In 1996, he was elected to membership in OKU (Dental Honor Society) and in 2010 received the Award for Excellence from the Society for Executive Leadership in Academic Medicine. He is also immediate past chair of the Board of ADEA.

Dr Thomas is supported by two facilitators Dr Patrick J. Ferrillo and Professor Patricia Reynolds.



**Dr Patrick J. Ferrillo, Jr., D.D.S.** Earned his undergraduate degree at Georgetown University and his D.D.S. at Texas A&M Baylor College of Dentistry, where he

pursued specialty training in endodontics.

He is a fellow of both the American College of Dentists and the International College of Dentistry.

Dr. Ferrillo has been active in the American Dental Association and the Commission on Dental Accreditation/Council on Dental Education for many years. His service has included posts as President of the International Federation of Dental Educators and Associations, President of the American Dental Education Association (ADEA), Chair of the ADEA President's Task Force on the Surgeon General's Report on Oral Health, Chair of the ADEA Council of Deans, and Chair of the Board of Oral Health America.

Having served 9 years as Dean at the University of the Pacific, Arthur A. Dugoni School of Dentistry (Pacific Dugoni) he stepped down in late 2015 to begin a sabbatical year.



**Prof Corrado Paganelli, B.D.S., MD., MOrth,** is Dean at University of Brescia Dental School, Italy.

Dr Paganelli is no stranger to London having been Visiting Professor at King's College of London. In 1986 he received his degree in Dentistry from University of Pavia, then studied Engineering, followed by Orthodontics in Zurich. He proceeded to study Medicine at University of Ancona and then again Orthodontics at University of Catania. In 1990, he moved to the University of Brescia, where he later was appointed Dean, School of Dentistry and Dean of Dental Hygiene. He has chaired the program of Orthodontics in Bratislava (Slovakia).

Prof. Paganelli has travelled widely in the last 3 years to emphasise opportunities to harmonise the voice of dentistry in a global network with lectures and speeches around the world. Prof. Paganelli holds Fellowships ad hominem in the Royal College of Surgeons of Edinburgh, Academy of Dentistry International, and is immediate Past President of the European Section of International College of Dentists, and is a member of several national and international associations and societies of different languages. He was convener of Dental Devices of Global Medical Devices Nomenclature GMDN Project CEN (European Committee of Standards) and its maintenance agency for regulatory affairs together with the mirror groups at International Standard Organisation. He has held external examinations in Oman, Leuven, Ankara, Bratislava and Odessa.

Corrado is immediate Past Chair of the Council of European Chief Dental Officers and current President of ADEE.

ADEE and ADEA greatly appreciate the support of our corporate partners in the delivery of this workshop theme.

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# Workshop stream 2: Inter-professional Education: an imperative for dental education

## Workshop aims and objectives:

According to the World Health Organisation (WHO) the world is facing a shortage of healthcare workers. Additionally, many health systems throughout the world are fragmented and struggling to manage unmet health needs (WHO, 2010). The WHO and its numerous partners recognise inter-professional collaboration in both education and practice as an innovative strategy that will play an important role in mitigating the global health workforce crisis.

- What does this increasing focus on inter-professional education and collaborative care mean for dental education?
- Why should dental schools be concerned with collaborative care?
- What are the key challenges to and strategies for implementing a successful IPE program?

Participants in this workshop will:

- Understand changing trends in health care delivery models around the world and their impact on dental education and practice.
- Discuss challenges and barriers to implementing IPE around the world.
- Learn about successful models for introducing and assessing IPE programs.

## The inter-professional education workshop team:

This workshop stream is led by Session Chair, Dr Cecile A. Feldman.



**Dr Cecile A. Feldman, DMD, MBA,** has served as Dean of the Rutgers School of Dental Medicine (RSDM) since February 2001.

Dr Feldman was appointed Chair of the Board of ADEA in 2016 having served as a Director of American Dental Education Association since 2014. She has served in numerous leadership roles including the NIH Council of Councils, the Commission on Dental Accreditation and the New Jersey Commission on Higher Education. Dr. Feldman has been principal investigator or co-investigator on many grants; primary and co-author of more than 100 articles, abstracts and book chapters; and has served as a reviewer and board member of the Journal of Dental Education, as well as a reviewer for the Journal of the American Dental Association and the Journal of Dental Research. Her areas of expertise include quality assurance, outcomes assessment, health informatics, health services

research and health professions education. She is an Adjunct Professor in the Department of Dental Care Systems at the University of Pennsylvania, has served as a Leadership Institute faculty member for the American Dental Education Association and a Senior Fellow at the Leonard David Institute of Health Economics at the University of Pennsylvania. Dr Feldman is supported by two facilitators Dr Geff Stewart and Porf Janiz Janczukowicz.



Association.

**Dr. Stewart** has recently been appointed as Senior Director, Institutional Innovation and Development at the American Dental Education

He was formerly Associate Professor in the Department of Pathology & Radiology at the Oregon Health & Science University School of Dentistry and also served on the faculty of the Department of Pathology at the OHSU School of Medicine. Jeff attended college at the University of Delaware and received his dental degree from the University of North Carolina. Following a general practice residency in Wilmington, Delaware, he attended the University of Michigan where he received a master's degree in oral pathology and diagnosis. Dr. Stewart has served on the dental school faculties of the University of Michigan and the University of Pennsylvania prior to his appointment at OHSU. Dr. Stewart was the recipient of nine teaching awards during his academic career. He has published over one hundred articles, abstracts, and book chapters and serves as a reviewer for seven professional journals. He is a Fellow of the American Academy of Oral and Maxillofacial Pathology, Diplomate of the American Board of Oral and Maxillofacial Pathology and a Fellow of the International College of Dentists, American College of Dentists and Pierre Fauchard Academy. Dr. Stewart's recent activity in interprofessional practice and education included leadership roles as Chair of the OHSU Interprofessional Initiative Steering Committee and the University Curriculum Committee. In his new role with ADEA, he is a member of the Interprofessional Education Collaborative Planning Committee and the Interprofessional Professionalism Collaborative. He has been Chair and Councilor for the American Dental Education Association Section on Oral and Maxillofacial Pathology, OHSU Councilor to the ADEA Council of Faculties, is an alumnus of the ADEA Leadership Institute and has served as Chair of the ADEA Leadership Institute Alumni Association Administrative Board and ADEA Legislative Advisory Committee.



**Dr. Janczukowicz MD, PhD, MMed, FHEA** received an MD degree and the PhD in neuropathology from the Medical University of Lodz in Poland and the

Master in Medical Education degree from the University of Dundee in Scotland.

He is the head of Centre for Medical Education and the Chair of the Best Evidence Medical Education Collaborating Centre in Lodz. His main professional interests include interprofessional education, teaching, learning and assessing medical and academic professionalism, social, and cultural competence. Janusz is the member of the International Association for Medical Education-AMEE Executive and Research Committees leading the diversity-theme for the annual AMEE conferences and he is serving as the liaison officer for developing cooperation between ADEE and AMEE. He is the Chair of the Translation into Practice BEME Committee responsible for the Evidence Based Recommendations for Education- a project aimed at bringing the educational research results into the every-day health-professions teachers' practice. Janusz is the member of the European Board of Medical Assessors, the auditor for the Association of Medical Schools in Europe, the expert member of the European Institute of Women's Health and the external expert for the Norwegian Agency for Quality Assurance in Education. He designs and implements health-professions faculty development courses and undergraduate, and postgraduate courses on professionalism. He is a member of the Medical Teacher Editorial Board, the editor of the „Professionalism and social competence” section of Polish Postgraduate Medicine Journal and the editor and co-author of the first Polish book on medical professionalism.

ADEE and ADEA greatly appreciate the support of GSK in delivery our inter-professional education stream.



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# Workshop stream 3: The impact of new technological and scientific discoveries on traditional dental education

## Workshop aims and objectives:

Advancements in research and technology are transforming our world. The dental profession is changing too, in light of scientific discoveries advancing biological technology - from new biomaterials to unravelling the genetic makeup of the human being.

As health professionals we embrace a model of continuous quality improvement and lifelong learning. Our pedagogical approach to incorporating the plethora of scientific technological advancements calls for us to shift our paradigm from emphasis on skill acquisition to knowledge application.

- Should our curricula shift toward preparing clinician scientists?
- How do we best prepare students to process new research findings so they are better able to assimilate them into practice?

This workshop will provide a forum to explore and discuss strategies to ensure faculty, students and, ultimately, patients are best positioned to exploit the opportunities that arise from research. The overall aim will be to establish methods of incorporating the impact of new research findings into the education of our dental students.

Participants in this workshop will:

- Understand the impact of new scientific research within dental education.
- Develop effective educational strategies in the delivery of dental education programmes in light of new findings
- Discuss preparation of the "clinician scientist" as a framework for dental education.

Create a consensus document, which provides a signpost of the way forward to promote incorporation of research and technology advances and lifelong learning into the dental education curriculum.

## The inter-professional education workshop team:

This workshop stream is led by Session Chair Professor Damien Walmsley.



**Professor Damien Walmsley, PhD, MSc, BDS, FDSRCPS** is Professor of Restorative Dentistry at the University of Birmingham, UK.

Within the university, he is Graduate School Director for Dentistry, Head of the teaching unit of Prosthetic Dentistry, Member of International Engagement Committee and College Champion for Universitas 21 collaborative.

At a European Level Professor Walmsley has served eight years on the Executive of the Association for Dental Education in Europe holding officer posts of Treasurer, Secretary General and most recently President of the Association. He has a keen interest in technologies and their use in education and training as well as their integration into oral and general health.

Professor Walmsley is supported by two facilitators, Professor Lynn A. Johnson and Professor Abigail Tucker.



**Professor Lynn A. Johnson, M.S. PhD,** is a Professor and Associate Dean of Faculty Affairs and Institutional Effectiveness (Informatics), at the University Of Michigan

School Of Dentistry.

Dr. Johnson is an informatics specialist with extensive experience in developing and evaluating innovative technologies that support dental education and patient care. Dr. Johnson has focused her recent work in four areas:

- (1) creation and evaluation of cloud-based electronic health systems,
- (2) the assessment of clinical problem-solving skills,
- (3) innovative uses of technology for the instruction and evaluation of oral health care providers, and
- (4) the evaluation of the merit and worth of instructional products and methodologies.

Her research in learning technologies has received continuous support from NIH and NSF grants for over 15 years including being the principal investigator on two NIH grants. Dr. Johnson has over 60 peer-reviewed publications. Dr. Johnson has completed multiple leadership programs including being a 2015 graduate of the Hedwig van Ameringen Executive Leadership in Academic Medicine® (ELAM).



**Professor Abigail Tucker,** Professor of Development & Evolution, Kings College London, UK.

Prof Tucker joined the Dental Institute at KCL in 1995 after completion of her PhD at Oxford University. She joined the DI as a lecturer in 2002 to study craniofacial development and evolution.

She is Principle Investigator at The Tucker Laboratory which has a focus on the development of the head, with particular focus on structures that form in association with the jaw. These include development of the dentition, development of the salivary glands, development of the jaw joint and the development of the middle ear.

Formation of these structures involves complex interactions and Professor Tucker and her team are interested in the signaling molecules that control patterning and shape. The research addresses questions related to human health and to evolutionary biology and uses a number of model and non-model organisms, including mouse, chick, opossum, guinea pig, shrew, bearded dragon, snake, gecko and chameleon.

Professor Tucker became Director of postgraduate research in 2015.

ADEE and ADEA greatly appreciate the support of Colgate Europe Oral Health Network in delivery our 'The impact of new technological and scientific discoveries on traditional dental education' stream.

**Colgate Europe**  
**Oral Health Network**  
 for Professional Education  
 and Development



# Workshop stream 4: Assessment in a global context

## Workshop aims and objectives:

High quality assessment remains a cornerstone of educational practice. With this in mind, the workshop sessions will focus on four key areas essential to the effective delivery of a quality assured programme of assessment within a healthcare setting.

During this highly interactive workshop, participants will explore:

- Selection of appropriate assessment tools
- Selection of appropriate standard setting methods
- Work-based assessment
- How best to assess "soft skills" such as professionalism, leadership and management

## The assessment in a global context workshop team:

This workshop stream is led by Session Chair Professor Michael Escudier.



**Professor Michael Escudier FDS RCS, FFGDP** Having qualified in dentistry from Guy's Hospital in 1985 and in medicine from St Bartholomew's Hospital in 1992.

Professor Escudier returned to Guy's in 1994 and obtained FDS RCS (Eng.) in 1998. He was appointed lecturer in Human Disease and honorary specialist registrar in Oral Medicine in 1999. Following completion of higher training he was appointed honorary Consultant in Oral Medicine in 2003. He completed his MD in 2010, was promoted to senior lecturer and assumed the roles of clinical lead and academic head.

More recently he has been appointed to the role of service lead for non-restorative specialties. Professor Escudier research interests include salivary gland disease, Oral mucosal disease, Oro-facial granulomatosis, Oro-facial pain and Assessment in education.

Professor Escudier has extensive experience in teaching within both the undergraduate and postgraduate sector. He is a Fellow of the Higher Education Academy and has received a King's College Teaching Fellowship (2012) and a Mature Educator Award (2012) from the Association of Dental Educators of Europe. He

specialises in teaching the medical related areas of dentistry and so has a particular interest in assessment practice.

Professor Escudier is supported by two facilitators Prof Cindy Amyot and Prof Cees van der Vleuten.



**Prof. Cindy Amyot, Ed.D.**, serves as Associate Dean and Professor of Instructional Technology and Faculty Development, the University of Missouri-Kansas City (UMKC),

School of Dentistry.

Dr. Amyot has been a full-time faculty member at UMKC since 1993 serving two years as Interim Vice Provost of Online Education.

She served three years as Director of Graduate and Degree Completion Studies and five years as Director of the Division of Dental Hygiene. She teaches at all levels of the curriculum; doctoral, predoctoral, graduate and undergraduate. Dr. Amyot has received numerous distinguished teaching awards from the School of Dentistry and is a recipient of the university wide Elmer Pierson Outstanding Teaching Award.

In 2011 she was the recipient of the Missouri Distance Education Leadership Award from the Missouri Distance Learning Association. Dr. Amyot has served as co-chair of the UMKC School of Dentistry promotion and tenure committee and chair of the faculty development committee. Her research interests include: portfolio assessment of student competency, community-based service-learning, access to care and distance and online education.

Her service to the university and profession is extensive. She served as Chair of the Council on Research for the American Dental Hygienists' Association for several years. Dr. Amyot served as an educational consultant for the American Dental Association Commission on Dental Accreditation. She has held several offices in the UMKC Alumni Association and served on numerous committees throughout the university.

Dr. Amyot is the recipient of the 2014 ADHA Alfred C. Fones Award, a national award recognising outstanding achievement and dedication to the profession of dental hygiene.

She was named the recipient of the 2007 ADEA/William J. Gies Foundation Education Fellowship and was awarded the Pfizer/ADHA Award for Excellence in Dental Hygiene in 2004.



**Prof. Cees van der Vleuten, PhD**, has been at the University of Maastricht in The Netherlands since 1982.

In 1996 he was appointed Professor of Education and chair of the Department of Educational Development and Research in the Faculty of Health, Medicine and Life Sciences (until 2014). Since 2005 he has been the Scientific Director of the School of Health Professions Education. This graduate school offers master and PhD degrees in health sciences education to a wide variety of international students. He mentors many researchers in medical education and has supervised more than 70 doctoral graduate students. His primary expertise lies in evaluation and assessment. He has published widely in this domain, holds numerous academic awards, including several career awards.

In 2005 he received John P. Hubbard Award for significant contribution to research and development of assessment of medical competence from the National Board of Medical Examiners in the US. In 2010 he received a Dutch royal decoration for the societal impact of his work and in 2012 the Karolinska Prize for Research in Medical Education. He serves frequently as a consultant internationally. He holds honorary academic appointments in the School of Medicine, Flinders University, Adelaide in Australia and the University of the Witwatersrand, Johannesburg in South-Africa.

ADEE and ADEA greatly appreciate the support of LIFTUPP in delivery of our assessment workshop stream.

# Meet our workshop rapporteurs:

Each workshop team is supported by two rapporteurs who will assist the workshop in delivering tangible and publishable output. ADEA and ADEE greatly appreciate the support of Proctor and Gamble Professional Oral Health in enabling the involvement of rapporteurs.

**P&G Professional Oral Health**



**Michael Botelho: Assoc Professor  
University Of Hong Kong  
Co-Rapporteur On Global Networking Stream**

Dr Botelho has been at the University of Hong Kong for 21 years and has been actively involved in the design, development and implementation of a range of curriculum innovations and reforms in: PBL, e-learning, simulation training and competency

assessments. He has published and presented on dental education in journals and at conferences locally and internationally. He has conducted workshops on PBL, facilitator training, problem writing and standards descriptors for clinical skills performances.

Michael has been awarded 12 education grants as principal or co-investigator and has 8 teaching and learning prizes or awards including the University Outstanding Teaching Award and the Hong Kong UGC teaching award. He is currently working on a collaborative blended learning project between National University of Singapore and the University of Adelaide.



**Joan M. Davis: Professor  
Southern Illinois University Carbondale, USA  
Co-rapporteur on Inter Professional Education Stream**

Joan M. Davis, PhD, RDH, is a Professor at Southern Illinois University Carbondale with a focus on tobacco dependence education. As a Fulbright Scholar

Specialist, Dr. Davis collaborated with oral health educators at the Turku University of Applied Sciences, Turku, Finland and at the University of Szeged, Faculty of Dentistry in Szeged, Hungary where she focused on harmonizing curricular competencies with ADEE competencies in dental education. She participated in the establishment of a new Communications Special Interest Group in ADEE in collaboration with dental faculty in Switzerland and Germany.

Dr. Davis developed and maintains an Open Access website which offers a comprehensive tobacco treatment curriculum for oral healthcare faculty world-wide.



**Domenico Dalessandri: Lecturer in Orthodontics  
University of Brescia, Italy  
Co-rapporteur on Technology and Science Stream**

Dr Domenico Dalessandri was appointed as a full-time Lecturer in Orthodontics in 2016 at the School of Dentistry, University of Brescia. Since 2004 he is actively involved in both undergraduate and postgraduate students education. Since 2007 he focused his clinical research on new technology

application to patient monitoring, motivation and education and to orthodontic diagnostic process, treatment planning and customized appliances manufacturing.

His experiences in both educational and technological fields will help to support the 'Impact of scientific & technological advances' workshop.



**Irina Dragan: Assistant Professor of  
Periodontology  
Tufts University School of Dental Medicine,  
Boston - MA, USA  
Co-rapporteur on Technology and Science Stream**

Dr. Irina Dragan received her dental degree at "Carol Davila" University, Faculty of Dentistry in

Bucharest, Romania and her postgraduate training in Boston, USA at Tufts University School of Dental Medicine (TUSDM). As a predoctoral student, she served as President of the European Dental Students' Association and as a resident - National Representative for the American Dental Education Association Council of Students, Residents and Fellows.

Irina was the only postgraduate student selected nationally for the ADEA/AADR Academic Dental Career Fellowship Program. As an enthusiastic and dedicated Junior Faculty at TUSDM, she is involved in educational and clinical research, mentoring predoctoral and postgraduate students. She was honored with the 2016 ADEA Chair of the Board of Directors Citation and received fellowships from the ADEA Emerging Academic Leaders Program and ADEA AAL Institute for Teaching and Learning Program.



**Roxana Oancea: Associate Professor  
University of Medicine and Pharmacy, Faculty of  
Dentistry, Timisoara, Romania.  
Co-rapporteur on Global Networking Stream**

Being involved in teaching, supervising clinical activities in second, third and sixth year, Dr Roxana Oancea has a special interest in the workshop -Global Networking: the how and why for dental educators. She is passionate about developing and implementing new courses for students, to improve the learning outcomes and to enhance the utilisation of modern teaching methods.

Roxana's main research interests include preventive dentistry, caries risk assessment, non-invasive methods of investigations in dentistry, dental materials, bioengineering, biocompatibility and biology of dental pulp stem cells.



**Upen Patel: Clinical Lecturer in Restorative  
Dentistry  
University of Birmingham, UK  
Co-rapporteur on Assessment Stream**

Dr Upen Patel was appointed as a full-time Clinical Lecturer in Restorative Dentistry in 2008 at the School of Dentistry, University of Birmingham. Upen is actively involved and has a passion for delivering education at both undergraduate and postgraduate level.

Upen is the school lead for eLearning and leads on assessment for the BDS programme coordinating assessment with learning outcomes achieved by students and supporting module leads with generating and standard setting their assessments. His experiences and role as assessment lead will help to support the 'Assessment in a global context' workshop.



**Barry Quinn: King's College London, UK**  
Co-rapporteur on Inter Professional Education Stream

Dr. Barry Quinn is an undergraduate lead for over 180 students at King's College London which includes a multi-professional teaching team of Specialist and General Dentists, Dental Therapists and Hygienists, Dental Nurses and Radiographers. Barry is an Honorary Consultant in Restorative Dentistry and Specialist in Prosthodontics. He is a curriculum lead for years 4/5 of the BDS programme and is academic lead for the Management and Leadership course. Barry is an examiner for the Royal College of Surgeons of England and Edinburgh as well as being an external examiner for the Dental Schools in Belfast, Cardiff and Khartoum. He has been awarded an ADEE Mature Educators Award as well as the inaugural Inter-professional Educators Award in 2016. His research has involved working with inter-professional teams in developing haptic simulation for dental, medical, nursing and veterinary professionals.

Barry is a member of both ADEE and ADEA and is President elect for the Education Research Group of the IADR and President of the British Dental

Association Metropolitan Branch (London). He has published over 100 articles including two books, exploring issues on inter-professionalism, simulation, technology enhance learning, sleep apnoea and the role of the Dental Team in identifying victims of domestic violence.

Barry was recently invited by UNESCO to join the IFIP working group 3.3, Research into Educational Applications of Information Technologies.



**Ingrid Tonni: Researcher in Orthodontics**  
University of Brescia, Italy  
Co-rapporteur on Assessment Stream

Dr. Ingrid Tonni is an Orthodontist (MOrth 2008) with a special interest in dental education and particularly in assessment.

Ingrid obtained a PhD degree in 2010, discussing a thesis entitled "Competences and Assessment for the Specialist Orthodontist" at Cardiff University. In 2010 started her career in education at the University of Brescia. She has been involved in teaching and curriculum organisation for the undergraduate and postgraduate students.

## Organising committee:

Both ADEA and ADEE sincerely thanks the following for their involvement in the creation of this meeting from its inception at an ADEA/ADEE Special Interest Group in Szeged, Hungary in 2015:

From King's College London:

- Prof Mark Woodford
- Prof Michael Escudier
- Prof Margaret Cox
- Dr Barry Quinn

From ADEA:

- Prof Cecile Feldman
- Prof Lily Garcia
- Dr Leon Assael
- Dr Rick Valachovic
- Dr Eugene Anderson
- Ms Alex Thompson
- Dr Bryan Cook

For ADEE:

- Prof Damien Walmsley
- Dr Argyro Kavadella
- Prof Corrado Paganelli
- Prof Cristina Manzanares

- Ms Judith Francis
- Mr Denis Murphy

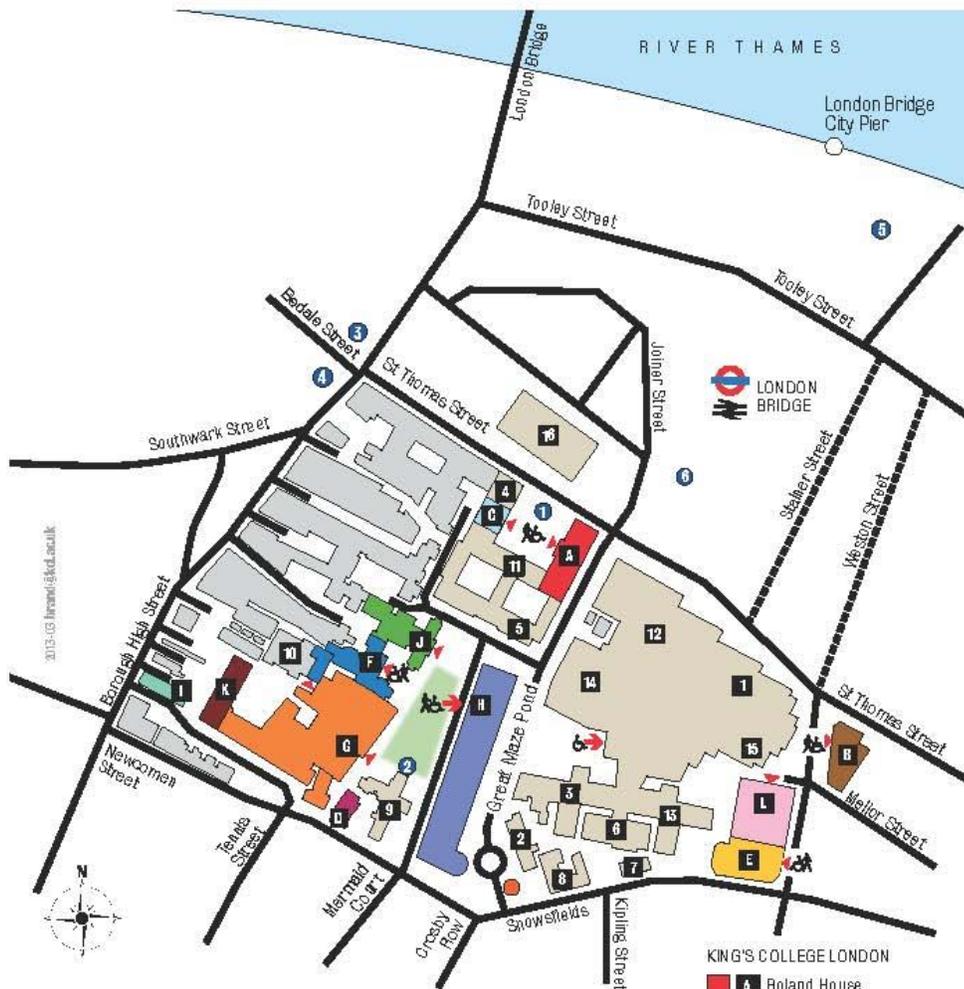
Thanks appreciation from both organisations is extended to all those who are serving as workshop chairs, facilitators and rapporteurs who have been working together since late 2016 in developing the programmes you will experience over the two day meeting. The work and commitment of these individuals has made this meeting possible.

ADEA and ADEE greatly appreciates the support of our corporate partners in enabling this meeting, without their financial support delivering a transatlantic meeting of this calibre would be impossible.

Finally, a special word of thanks to the members of the King's College Dental Society, the assistance of the student body in guiding us through the campus here at King's College London has been invaluable.

# King's College London - Guy's Campus Map

## Guy's Campus



**GUY'S HOSPITAL**

- |                     |                        |
|---------------------|------------------------|
| 1 Bermondsey Wing   | 8 Nuffield House       |
| 2 Bloomfield Clinic | 10 Nuffield Annexe     |
| 3 Borough Wing      | 11 Old Guy's House     |
| 4 Conybeare House   | 12 Southwark Wing      |
| 5 Counting House    | 13 Tabard Annexe       |
| 6 Cunliffe Labs     | 14 Tower Wing          |
| 7 Munro Clinic      | 15 York Clinic         |
| 8 Newcomen Centre   | 16 Mary Sheridan House |

- ➔ Main entrance
- Other entrance
- ♿ Disabled access
- ♿ Assisted disabled access
- 🚏 Shuttle bus stop
- 1 Statue of Thomas Guy
- 2 Guy's Memorial Arch
- 3 Southwark Cathedral
- 4 Borough Market
- 5 Hay's Galleria
- 6 The Shard

**KING'S COLLEGE LONDON**

- |   |
|---|
| A Boland House                            |
| B Capital House                           |
| C Chapel                                  |
| D Doyles House                            |
| E Greenwood Theatre                       |
| F Henriette Raphael House                 |
| G Hodgkin Building                        |
| H New Hunt's House                        |
| I Pavy Gym                                |
| J Shepherd's House                        |
| K Wolfson Centre for Age-Related Diseases |
| L Wolfson House                           |

# Workshop programmes

## Global Networking: the how and why for dental educators

**Session Chair:** Huw F. Thomas (USA)

**Moderators:** Patrick J. Ferrillo (USA), Corrado Paganelli (Italy)

**Workshop rapporteurs:** Michael Botelho (Hong Kong), Roxana Oancea (Romania)

Monday 8 <sup>th</sup> May 2017	
<b>Venue: Guys Campus: New Hunt House Room G18</b>	
14:00 – 14:10	Welcome: sharing the aims and objectives of the workshop (Dr Thomas)
14:10 – 14:50	Chaired Discussion 'the what, how and why of Global Networking'
	Dr Thomas will chair a discussion between Pat and Corrado on what a global network of dental educators may look like drawing on experiences of IFDEA, ADEA and ADEE
14:50 -15:15	Open discussion – identifying themes for small group work around the aims and objectives of a Dental Educators Global Network and how it is best achieved
15:15 – 15:30	Tea/coffee break
15:30 – 16:30	Small group discussions on evolving themes from day
16:30 – 16:50	Lessons learned reporting and discussion on group work
16:50 – 17:00	Workshop closure (Dr Thomas)
Tuesday 9 <sup>th</sup> May 2017	
10:00 – 10:10	Welcome Day 2 (Dr Thomas)
10:10 – 10:40	Presentation and discussion: Social Media as a means of enabling Global Networking - Irina Dragan
10:45 – 11:15	Presentation and discussion: Potential Barriers and Challenges to Global networking, lessons from recent ADEE member survey - Eugene Anderson
11:15 – 11:30	Coffee Break
11:30 – 12:30	Continuing small group discussion
12:30 to 12:50	Defining next steps
12:50 to 13:00	Close of workshop session

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## Inter-professional Education: an imperative for dental education

**Session Chair:** Cecile Feldman (USA)

**Facilitators:** Jeffery Stewart (USA), Janusz Janczukowicz (Poland)

**Workshop Rapporteurs:** Joan Davis (USA), Barry Quin (UK)

Monday 8 <sup>th</sup> May 2017	
Venue: Floor 18 Tower Wing	
14:00 to 14:20	Welcome to the IPE Session / Overview of format inc IPE Team intros and introductions for each Discussion Group (Dr Feldman)
14:20 to 15:00	Changing healthcare trends and the need for IPE: 3 brief presentation to orientate discussions followed by question and answers: <ol style="list-style-type: none"> <li>1. What is IPE and why it is necessary (Dr Feldman)</li> <li>2. IPE - the medical perspective (Dr Janczukowicz)</li> <li>3. IPE – the patient perspective (Dame Southgate)</li> </ol>
15:00 to 15:15	Mind Mapping techniques (Dr. Janczukowicz)
15:15 to 15:30	Tea/Coffee
15:30 to 16:30	Table Discussion Session One: The current status, challenges and barriers to IPE (supported by workshop team)
16:40 to 17:00	DG Group Leader will report key points; IPE Chair will summarise key points
Tuesday 9 <sup>th</sup> May 2017	
10:00 to 10:10	IPE Chair will give a brief review of Day One's concepts and directions
10:10 to 11:15	Table Discussion Session Two: Defining the future (supported by workshop team)
11:15 to 11:30	Tea/coffee break – continue the discussions
11:30 to 12:15	Table Discussion Session Three: Strategies for implementation and evaluating success (supported by workshop team)
12:15 to 12:50	DG Group Leader will report key points; IPE Chair will summarize key points
12:50 to 13:00	Close of workshop and next steps (Dr Feldman)

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## The impact of new technological and scientific discoveries on traditional dental education

**Session Chair:** Damien Walmsley (UK)

**Moderators:** Lynn Johnson (USA), Abigail Tucker (UK)

**Workshop rapporteurs:** Irina Dragan (USA), Domenico Dalessandri (Italy)

Monday 8 <sup>th</sup> May 2017	
Venue: Guys Campus: New Hunt House Lecture Theatre 1	
14:00 – 14:15	Welcome - Goals - Introductions (Prof Walmsley)
14:15 – 15:00	10-Year Retrospective & Current Trends (Prof Johnson & Dr Dragan)
15:00 – 15:30	10-Year Prospective Activity (Prof Johnson lead group breakout work)
15:30 – 15:45	Coffee
15:45 – 16:15	Report out and Discussion (Prof Walmsley) In 2027, what are the most important technologies that will be integrated into dental education (Pre-clinical, Clinical, Didactic and Telehealth Education)
16:15 – 16:45	Ranking of Technologies (Prof Johnson)
16:45 – 17:00	Summary of the afternoon and preview of tomorrow (Prof Walmsley)
Tuesday 9 <sup>th</sup> May 2017	
10:00 – 10:10	Welcome, Goals of the second session of the Workshop (Prof Walmsley)
10:10 – 10:30	Review scientific discoveries (Prof Tucker)
10:30-10:50	Current Trends in scientific discoveries (Dr Dalessandri)
10:50-11:00	Secrets of Successful Innovation (Dr Dalessandri)
11:00-12:30	10-Years Prospective - Group discussion (Prof Walmsley)  Group Activity and report back  Including coffee break
12:30 – 12:50	Ranking of scientific discoveries (Prof Johnson)
12:50 – 13:00	Summary of the morning (Prof Tucker)
13:-00 – 13:10	Workshop close and next steps (Prof Walmsley)

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## Assessment in a global context

**Session Chair:** Michael Escudier (England)

**Moderators:** Cees van der Vleuten (The Netherlands), Cynthia C. Gadbury-Amyot (USA) & Suzanne Schut (The Netherlands)

**Workshop rapporteurs:** Upen Patel (UK), Ingrid Tonni (Italy)

Monday 8 <sup>th</sup> May 2017	
<b>Venue: New Hunt House Go8</b>	
14:00 – 14:10	Introduction: who is in the room? (Prof Escudier)
14:10 – 14:40	How to assess complex skills? (Prof van der Vleuten)
14:40 -15:15	What is good feedback? (role play after viewing a video) (Prof van der Vleuten)
15:15 – 15:30	Tea/Coffee
15:30 – 16:50	A programmatic approach to assessment (Prof van der Vleuten)
16:50 – 17:00	Day one close (Prof Escudier)
Tuesday 9 <sup>th</sup> May 2017	
<b>Venue: New Hunt House Go3</b>	
10:00 – 10:10	Welcome to day two (Prof Escudier)
10:10 – 11:15	ePortfolios as a global assessment measure for capturing dental student competency: Lessons learned (Prof Gadbury-Amyot)
11:15 to 11:30	Tea/Coffee
11:30 to 12:30	Quality assurance of assessment (Prof Schut)
12:30 to 12:50	Where do we go from here – challenges, opportunities, future trends, position paper (Prof Escudier and Gadbury-Amyot)
12:50 to 13:00	Session close (Prof Escudier)

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# Corporate Partners Lunchtime Programme

Each day between 13:30 and 13:55 we are pleased to provide you with the corporate partners programme. These 25 minute sessions provide delegates with an opportunity to engage in discussions and presentations on topics of relevant to the meetings. We encourage you to visit these session and participate in the debate.

## Monday 8<sup>th</sup> May

## Tuesday 9<sup>th</sup> May



**Liftupp: An integrated platform for curriculum management, continuous student development, competency demonstration, and research.**

Venue: New Hunt House Lecture Theatre



**Can academia work with industry in a valuable and transparent manner for the benefit of dental education?**

Venue: New Hunt House G8

Sponsored by



**Liftupp: An integrated platform for curriculum management, continuous student development, competency demonstration, and research.**

Venue: New Hunt House Lecture Theatre



**Facilitating the Future of Erosive Toothwear Education - The ET Foundation**

Venue: New Hunt House G3

Sponsored by



And

**PLANMECA**

**RFID Technology: Improving Dental Education and Patient Safety**

Venue: New Hunt House G12



**Developing a competence framework for European Dental Deans**

Venue: Guys Tower Floor 18 (Invitation only)

Sponsored by



And

**PLANMECA**

**RFID Technology: Improving Dental Education and Patient Safety**

Venue: New Hunt House G12



**Outcome of the "ACFF Pre-Meeting on The Shape of the Future of Dental Education for Dental Caries - and how to get there"**

Venue: Venue: Guys Tower Floor 18

Sponsored by



# About ADEA and ADEE



The Association for Dental Education in Europe (ADEE) was founded in 1975 as an independent European organisation representing academic dentistry and the community of dental educators. Since then, ADEE has played an important role by enhancing the quality of education, advancing the professional development of dental educators and supporting research in education and training of oral health personnel.

ADEE brings together a broad-based membership across Europe comprised of dental schools, specialist societies and national associations concerned with dental education. ADEE is committed to the advancement of the highest level of health care for all people of Europe through its mission statements:

- To promote the advancement and foster convergence towards high standards of dental education.
- To promote and help to co-ordinate peer review and quality assurance in dental education and training.
- To promote the development of assessment and examination methods.
- To promote exchange of staff, students and programmes.
- To disseminate knowledge and understanding on education.
- To provide a European link with other bodies concerned with education, particularly dental education.

ADEE members are European university dental schools, specialist societies or other national dental bodies concerned with or related to dental education.

[www.adee.org](http://www.adee.org)



Founded in 1923, the American Dental Education Association (ADEA) is The Voice of Dental Education. Its members include all 76 U.S. and Canadian dental schools, over 800 allied and advanced dental education programs, 66 corporations and more than 20,000 individuals.

The mission of ADEA is to lead institutions and individuals in the dental education community to address contemporary issues influencing education, research and the delivery of oral health care for the overall health and safety of the public.

ADEA's activities encompass a wide range of research, advocacy, faculty development, meetings and communications, including the esteemed Journal of Dental Education, as well as the dental school admissions services ADEA AADSAS®, ADEA PASS®, ADEA DHCAS® and ADEA CAAPID®.

ADEA's 2015–2018 Strategic Directions and Key Priorities ([adea.org/StrategicDirections](http://adea.org/StrategicDirections)) encompass four main areas:

- **Leadership:** Provide leadership for the future of dental education and serve as the authority on the education of the dental and allied dental workforce.
- **Teaching and Learning:** Provide dental, allied dental and advanced dental educators with the information, knowledge, resources and tools they need to prepare the future dental workforce for an undiscovered future.
- **Service:** Support the academic dental community in its mission to meet the evolving oral health needs of a diverse society.
- **Research:** Promote the importance of research as the foundation of dental education, and the of the science and practice of dentistry.

[www.adea.org](http://www.adea.org)

*To contact us concerning this joint meeting email  
[london2017@adee.org](mailto:london2017@adee.org)*