

 20<sup>TH</sup> ANNUAL  
IAMSE MEETING

LEARNING ASSESSMENT: CONNECTING  
HEALTH SCIENCE AND CLINICAL COMPETENCE

*HOSTED BY:*

 Leiden University  
Medical Center



LEIDEN, THE NETHERLANDS  
JUNE 4-7, 2016





# **2016 Annual IAMSE Meeting**

Learning Assessment: Connecting Health Science  
and Clinical Competence

## **Pre-conference Workshops**

June 4, 2016

## **Main Conference**

June 5-7, 2016

Hosted by:



Holiday Inn Leiden  
Leiden, The Netherlands



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# Welcome IAMSE 2016

Dear Colleagues,

Welcome to the Netherlands and the 20th annual meeting of the International Association of Medical Science Educators! This historic and exciting setting of the city of Leiden is our backdrop and host as we assemble together around the theme of "Learning Assessment: Connecting Health Science and Clinical Competence." The traditions of education in our venue are long as Leiden has been a university city since 1575 housing Leiden University Medical Center and Leiden University, the oldest university of the Netherlands.

Through these next several days, we will be led in our discussions and deliberations by our plenary speakers – Drs. Cees van der Vleuten, Olle ten Cate, Geoff Norman, and Marlies Reinders – in addition to our innovation leaders providing over 30 focus sessions, and numerous poster and oral presentations. The language of assessment encompasses a world of terminology and best-practice developments that influence our daily academic conversations and research. Be prepared to engage with your colleagues on the topics of rubrics, objective/subjective evaluation, generational learning needs, formative/summative feedback, learning portfolios, entrustable professional activities, competencies, professional judgement, peer-assessment, self-reflection, resilience, and so much more. These conversations should be the basis in forging new relationships, strengthening existing connections, robust learning, and recognizing those who have contributed to the health education professions.

Together with the 2016 Program Planning Committee, the IAMSE staff, the Board of Directors, and the Executive Committee, we hope that this milestone meeting is a catalyst for growth and opportunity for all of you. This event underscores IAMSE's goals and vision as well as its collective international mission to advance and support innovation in health science education that is firmly grounded in foundational sciences and educational best practices.

Best wishes for a successful and enlightening meeting!

Luke H. Mortensen, 2016 Program Committee Chair  
Peter G.M. de Jong, Site Host





# Friday, June 3, 2016

08:00 AM - 09:00 AM	Registration for ESME Participants	Lobby
09:00 AM - 05:00 PM	ESME (Closed Session)	Gouda
12:00 PM - 01:00 PM	ESME Lunch (Closed Session)	Garden Restaurant
12:00 PM - 01:00 PM	Board Lunch (Closed Session)	Garden Restaurant
01:00 PM - 06:00 PM	IAMSE Board of Directors Meeting (Closed Session)	Leiden



# Saturday, June 4, 2016

07:00 AM - 05:00 PM	Registration Desk Open	Lobby
08:30 AM - 11:30 AM	Pre-Conference Workshops <b>Active Learning: It Takes a Team to Make It Happen</b> <i>Ann Poznanski, California Northstate University College of Medicine, USA</i> <i>Alice Fornari, Hofstra Northwell School of Medicine, USA</i> <i>John Szarek, The Commonwealth Medical College, USA</i>	Utrecht
	<b>The Toll of Stress in Biomedical Students, Residents, and Faculty: Experiencing Skills to Prevent It</b> <i>Mike Lumpkin, Georgetown University School of Medicine, USA</i> <i>Emily Ratner, Stanford University School of Medicine, USA</i>	Gouda
08:30 AM - 3:15 PM	All-Day Faculty Development Courses <b>An Introduction to Medical Education Research - From Concept to Publication</b> <i>Peter de Jong, Leiden University Medical Center, The Netherlands</i> <i>David Yens, New York Institute of Technology College of Osteopathic Medicine, USA</i> <i>Jane Dumsha, Philadelphia College of Osteopathic Medicine, USA</i> <i>Grace Brannan, Ohio University Heritage College of Osteopathic Medicine, USA</i>	Delft
	<b>Basics of TBL in a Day</b> <i>Christopher Burns, Roseman University of Health Sciences, USA</i> <i>Sandy Cook, Duke-NUS Medical School, Singapore</i>	Haarlem
	<b>How to be an Effective Course Coordinator</b> <i>Bruce Newton, Campbell University School of Osteopathic Medicine, USA</i> <i>Carol Nichols, Medical College of Georgia at Georgia Regents University, USA</i> <i>Maggy van Hoeij, University of Utrecht, The Netherlands</i>	Alkmaar
11:30 AM - 12:15 PM	Lunch for Workshop Participants	
12:15 PM - 03:15 PM	Pre-Conference Workshops <b>Essay Assessments for Large (or Small) Health Professions Classes: Promoting Deep Concept Learning</b> <i>Amy Wilson-Delfosse, Klara Papp, Case Western Reserve University School of Medicine, USA</i>	Utrecht
	<b>Practical Skills of Video Production and Editing Toward Impactful Flipped Classroom Content</b> <i>Jonathan Wisco, Brigham Young University, USA</i> <i>Caitlyn Cutler, Utah Valley University, USA</i> <i>David Morton, University of Utah School of Medicine, USA</i>	Gouda
03:15 PM - 03:30 PM	Coffee Break	

# Saturday, June 4, 2016 (cont.)

03:30 PM - 5:30 PM	<b>Medical Science Educator Reviewer Workshop</b> (Closed Session) <i>Peter de Jong, Leiden University Medical Center, The Netherlands</i> <i>Sandy Cook, Duke-NUS Medical School, Singapore</i> <i>Floyd Knoop, Creighton University School of Medicine, USA</i> <i>Amoritia Hewett, JulNet Solutions</i>	Wassenaar
	<b>IAMSE Fellowship</b> (Closed Session) <i>Joseph Stein, SUNY Upstate Medical University, USA</i> <i>Kathryn Huggett, University of Vermont, USA</i> <i>Jonathan Wisco, Brigham Young University, USA</i> <i>Norma Saks, Rutgers Robert Wood Johnson Medical School, USA</i> <i>Christopher Burns, Roseman University of Health Sciences, USA</i>	Leiden
06:30 PM - 07:30 PM	<b>Opening Ceremony</b>	Amsterdam
07:30 PM - 09:00 PM	<b>Opening Reception</b>	Patio

# Sunday, June 5, 2016

07:00 AM - 05:00 PM	Registration Desk Open	Lobby
07:30 AM - 08:15 AM	Breakfast Roundtable Discussions Topics Include: <ol style="list-style-type: none"><li>1. EPAs and Milestones: Innovations</li><li>2. Competency Based vs Time Based Education: Exemplars/Models</li><li>3. Diversity Issues: Health Care Disparity</li><li>4. Assessment Research: Skills vs Behavior</li><li>5. Teaching Cultural Competency</li><li>6. Interprofessional Education and Practice</li><li>7. Educational Gaming</li><li>8. Spirituality in Health Science Curricula</li><li>9. Student Research Projects</li></ol>	Garden Restaurant
08:30 AM - 08:45 AM	Welcome <i>Luke Mortensen, Program Chair</i>	Amsterdam
08:45 AM - 09:45 AM	Plenary Session <b>Entrustment Decision-Making in Competency-Based Teaching and Assessment in Health Professions Education</b> <i>Olle ten Cate, University Medical Center Utrecht, The Netherlands</i>	Amsterdam
09:45 AM - 10:00 AM	Coffee Break with Exhibitors	
10:00 AM - 11:30 AM	Focus Sessions <b>From Theory to Practice: Implementing Milestone-Based Assessments for Pre-Clerkship Medical Students</b> <i>Neil Osheroff, Cathleen Pettepher, Vanderbilt University School of Medicine, USA</i>	Amsterdam
	<b>Finding Evidence that Medical Arts &amp; Humanities Programs Make a Difference in Training Students</b> <i>Norma Saks, Rutgers Robert Wood Johnson Medical School, USA</i>	Utrecht
	<b>Complex Dynamics of Online Feedback Processes: Effects of online Feedback on Deep Learning Processes</b> <i>Renee Filius, University Medical Center Utrecht, The Netherlands</i>	Leiden
	<b>Is There a Place in Basic Science for Behavioral Competency Assessment?</b> <i>Cynthia Standley, Paul Standley, University of Arizona College of Medicine, USA</i>	Gouda
	<b>Cognitive Integration: How to Achieve It and How to Assess It</b> <i>Olivera Nestic, Dan Blunk, Texas Tech University Health Science Center El Paso, USA Richard Vari, Virginia Tech Carilion School of Medicine, USA</i>	Delft
	<b>Meet the Speaker: Entrustment Decision-Making in Competency-Based Teaching and Assessment in Health Professions Education</b> <i>Olle ten Cate, University Medical Center Utrecht, The Netherlands</i>	Den Haag

# Sunday, June 5, 2016 (cont.)

10:00 AM - 11:30 AM	Focus Sessions (cont.) <b>Developing a Discipline-Based Problem Solving Set for One Medical Science to Broader Applications</b> <i>Robert Theobald, A.T. Still University of Health Sciences Kirksville College of Osteopathic Medicine, USA</i> <i>Jayne Reuben, Dennis Peffley, University of South Carolina School of Medicine, USA</i>	Alkmaar
	<b>E-Portfolios: Integrating the Curriculum and Developing Student Autonomy</b> <i>Simon Riley, Paula Smith, University of Edinburgh, United Kingdom</i>	Wassenaar
11:30 AM - 12:45 PM	New Member's Lunch (Invitation)	Patio
11:30 AM - 12:45 PM	Networking Lunch - Open to All Participants	Garden Restaurant
12:45 PM - 01:45 PM	Plenary Session <b>A Programmatic Approach to Assessment</b> <i>Cees van der Vleuten, Maastricht University School of Health Professions Education, The Netherlands</i>	Amsterdam
01:45 PM - 03:15 PM	General Assembly & Business Meeting (Open to All Participants)	Amsterdam
03:15 PM - 03:30 PM	Coffee Break with Exhibitors	
03:30 PM - 04:30 PM	Oral Presentations Session 1 - Curriculum: <i>Moderator: Greg Smith, St. Louis University School of Medicine, USA</i> <b>Curriculum Gap Analysis: Do We Assess What We Teach?</b> <i>Gerald Thrush (Oral Award Nominee), Western University of Health Sciences, College of Osteopathic Medicine of the Pacific, USA</i>  <b>Building an International Simulation Educator Fellowship to Enhance Medical Education</b> <i>Eileen Hennrikus (Oral Award Nominee), Penn State University College of Medicine, USA</i>  <b>Personal Protective Equipment (PPE) Instruction Through Simulated Contamination</b> <i>Kristen Zach (Oral Award Nominee) Stony Brook University, USA</i>	Delft
	Session 2 - Faculty Development and Scholarship <i>Moderator: Kathryn Huggett, University of Vermont, USA</i> <b>The Tree Axes of Faculty Development</b> <i>Stephen Loftus, Oakland University William Beaumont School of Medicine, USA</i>  <b>Successful Integration of a Longitudinal Three Year Scholarly Activity Course into a Medical School Curriculum</b> <i>Valeriy Kozmenko (Oral Award Nominee), University of South Dakota Sanford School of Medicine, USA</i>  <b>Do Scholarly Concentrations Programs Lead to Scholarship Beyond Medical School?</b> <i>Ingrid Bahner, Morsani College of Medicine, University of South Florida, USA</i>	Wassenaar

# Sunday, June 5, 2016 (cont.)

- 03:30 PM - 04:30 PM Oral Presentations (cont.)  
Session 3 - Curriculum  
Moderator: Neil Osheroff, Vanderbilt University School of Medicine, USA  
Utrecht
- A Hands-on Interprofessional Approach to Nutrition Curriculum: Culinary Medicine at Rutgers Robert Wood Johnson Medical School**  
Emine Ercikan Abali, Rutgers Robert Wood Johnson Medical School, USA
- Comparing the Performance of Medical Students and Physician Assistant Studies Students Completing a Year Long Basic Science Curriculum Together**  
George Bergus, The University of Iowa Carver College of Medicine, USA
- A Constructivist Tool for Teaching Role Knowledge and Respect in Early Interprofessional Education**  
Helen Amerongen, University of Arizona College of Medicine, USA
- Session 4 - Technology and Innovation  
Moderator: Zalim Balkizov, Association of Russian Medical Societies for Quality Issues in Healthcare and Medical Education  
Den Haag
- Catching Students Before They Fall: The Academic Progress Portal**  
Scott Helf, Western University of Health Sciences, College of Osteopathic Medicine of the Pacific, USA
- Virtual Transmission Electron Microscopy Classes Add a New Dimension to the Understanding of Cellular Structures**  
Carolina Jost, Leiden University Medical Center, The Netherlands
- Wikipedia as a Teaching and Learning Tool in Medical Education**  
Shani Evenstein, Sackler School of Medicine, Tel Aviv University, Israel
- Session 5 - Assessment  
Moderator: Luke Mortensen, AACOM  
Leiden
- The Value of Progress Testing in Undergraduate Medical Education: A Systematic Review of the Literature**  
Nicole Borges, Wright State University Boonshoft School of Medicine, USA
- Online Quiz Improved Medical Students MDE Performance in Pre-Clinical Years**  
Jinping Li, Mercer University, USA
- Individual Exam Analysis Using Examssoft Snapshot Data**  
Terrence Miller, Touro University Nevada College of Osteopathic Medicine, USA

# Sunday, June 5, 2016 (cont.)

03:30 PM - 04:30 PM	Oral Presentations (cont.) Session 6 - E-Learning <i>Moderator: Veronica Michaelsen, George Washington University, USA</i> <b>Using Virtual Patients to Improve Clinical Reasoning Education</b> <i>Mathijs Doets, Erasmus MC, The Netherlands</i>  <b>Radiology Education for the 21st Century: Implementation of E-Learning at the Medical Undergraduate Level</b> <i>Craig W. Goodmurphy (Oral Award Nominee), Eastern Virginia Medical School, USA</i> <i>Adnan Raja, University College London, United Kingdom</i>  <b>Comparing Near-Peer Feedback Amongst Students and Teachers Involved in Interprofessional-Undergraduate Simulation Training</b> <i>Adnan Raja, University College London, United Kingdom</i>	Gouda
	Session 7 - Instructional Methods <i>Moderator: Giulia Bonaminio, University of Kansas School of Medicine, USA</i> <b>Assessing Instructional Videos to Teach Chest Tube Insertion: Utilizing the Science of Learning</b> <i>Marjorie Johnson, Sunnybrook Health Sciences Centre, Canada</i>  <b>Lack of Effect of a Between-Exam Review on Re-Test Performance of Medical Students in a Two-Test System</b> <i>Beth Levant, University of Kansas Medical Center, USA</i>  <b>The Effect of Deliberate Practice in Learning Medical Biochemistry</b> <i>Emine Ercikan Abali, Rutgers Robert Wood Johnson Medical School, USA</i>	Alkmaar
	Session 8 - Educational Research <i>Moderator: Friedo Dekker, Leiden University Medical Center, The Netherlands</i> <b>Curricular Reform in Two Medical School Tracks and the Impact of USMLE Scores</b> <i>Cynthia Standley, University of Arizona College of Medicine-Phoenix, USA</i>  <b>A Preliminary Study of the Design and Effectiveness of Prematriculation Courses at US Medical Schools</b> <i>Amber J. Heck, Rocky Vista University College of Osteopathic Medicine, USA</i>  <b>Studying Prior to In-Class Activities Increased Both School and Standardized Test Results but Specifically Benefited Women and Certain MBTI Types</b> <i>Jeffery Holt, Commonwealth Medical College, USA</i>	Haarlem
04:30 PM - 05:45 PM	Poster Viewing with Exhibitors <i>Even Poster Numbered Authors to be Present</i>	Patio
05:00 PM - 06:00 PM	ESME (Closed Session)  Dinner on Your Own	Gouda



# Monday, June 6, 2016

07:00 AM - 05:00 PM	Registration Desk Open	Lobby
07:45 AM - 08:30 AM	Breakfast Roundtable Discussions Topics Include: 1. EPAs and Milestones: Innovations 2. Competency Based vs Time Based Education: Exemplars/Models 3. Diversity Issues: Health Care Disparity 4. Assessment Research: Skills vs Behavior 5. Teaching Cultural Competency 6. Interprofessional Education and Practice 7. Educational Gaming 8. Spirituality in Health Science Curricula 9. Student Research Projects	Garden Restaurant
08:30 AM - 08:45 AM	Welcome & Morning Announcements	Amsterdam
08:45 AM - 09:45 AM	Plenary Session <b>Innovations in Clinical Kidney Transplant Education by a Massive Open Online Course</b> <i>Marlies Reinders, Leiden University Medical Center, The Netherlands</i>	Amsterdam
09:45 AM - 10:00 AM	<b>2017 Presentation</b> <i>Kathryn Huggett, University of Vermont, USA</i>	Amsterdam
10:00 AM - 10:30 AM	Coffee Break with Exhibitors	
10:30 AM - 12:00 PM	Focus Sessions <b>A Network of Nutrition Advocates in Health Professions Education</b> <i>Janet Lindsley, University of Utah School of Medicine, USA Kathryn Thompson, University of New England College of Osteopathic Medicine, USA</i>	Den Haag
	<b>Stress and Burnout in Faculty: Challenges and Strategies for Change</b> <i>Greg Smith, Stuart Slavin, St. Louis University School of Medicine, USA</i>	Delft
	<b>Trust Me, I Know My Science! Using Basic Sciences to Assess Entrustable Clinical Decision-Making</b> <i>Leslie Fall, Geisel School of Medicine at Dartmouth, USA Ann Poznanski, California Northstate University College of Medicine, USA Tracy Fulton, University of California San Francisco, USA Amy Wilson-Delfosse, Case Western Reserve University, USA</i>	Wassenaar
	<b>Meeting the Genomics Education Challenge Head-on: Creating Solutions for Your Program</b> <i>Tamara Williams, Rebecca Wilcox, University of Vermont College of Medicine, USA</i>	Leiden
	<b>Integrating Basic Science into Senior Medical Student Clinical Rotations</b> <i>Neil Osheroff, Cathleen Pettepher, William Cutrer, Vanderbilt University School of Medicine, USA</i>	Amsterdam
	<b>What's My Style? A Framework for Enhancing Leadership Skills in Medical Education</b> <i>Christopher Burns, Stephanie Wragg, Roseman University of Health Sciences, USA</i>	Utrecht

# Monday, June 6, 2016 (cont.)

10:30 AM - 12:00 PM	Focus Sessions (cont.) <b>Games Based Learning in Health Profession Education</b> <i>Eric Bauman, David Pederson, DeVry Medical International's Institute for Research and Clinical Strategy, USA</i>	Gouda
	<b>The Use of Dynamic Rubric for Longitudinal Assessment of Scientific Communication Skills</b> <i>Peter de Jong, Nelleke Gruis, Leiden University Medical Center, The Netherlands</i>	Alkmaar
12:00 PM - 01:15 PM	Networking Lunch Open to all attendees	Garden Restaurant
01:15 PM - 02:15 PM	Oral Presentations Session 1 - Instructional Methods <i>Moderator: Peter de Jong, Leiden University Medical Center, The Netherlands</i> <b>Flipping the Classroom: A Case Study of Teaching the Principles of Envenomation in the Antipodes</b> <i>Kristine Elliott, Melbourne Centre for the Study of Higher Education, The University of Melbourne, Australia</i>  <b>A Novel Approach to Successful Transitioning from "Pre-Clinical" to "Clinical" Training</b> <i>Kerin Fresa, Philadelphia College of Osteopathic Medicine, USA</i>	Delft
	Session 2 - Curriculum <i>Moderator: Amy Wilson-Delfosse, Case Western Reserve University, USA</i> <b>Utilizing an Innovative Interdisciplinary Training Approach to Improve Clinical Outcomes in Patients with Complex Chronic Conditions</b> <i>Elizabeth Painter, Louis Stokes Cleveland VA Medical Center and Case Western Reserve University, USA</i>  <b>A Successful Transition to Effective Practice (STEP) Course Incorporating EPAs for 4th Year Medical Students</b> <i>Carrie A. Elzie, Eastern Virginia Medical School, USA</i>  <b>Harnessing Faculty Passion to Integrate Clinical Skills Development and Foundational Science Knowledge Acquisition</b> <i>Judith Rowen, University of Texas Medical Branch, USA</i>	Wassenaar
	Session 3 - Curriculum <i>Moderator: Zalim Balkizov, Association of Russian Medical Societies for Quality Issues in Healthcare and Medical Education</i> <b>The Use of Pre-Clerkship "Master Science Teachers" to Help Integrate Foundational Sciences into the Clinical Curriculum</b> <i>Neil Osheroff, Vanderbilt University School of Medicine, USA</i>  <b>Technical Medicine: Translating Medical Technology Use into Improved Individualized Health Care</b> <i>Heleen Miedema, University of Twente, the Netherlands</i>	Utrecht

# Monday, June 6, 2016 (cont.)

- 01:15 PM - 02:15 PM Oral Presentations (cont.)
- Session 3 - Curriculum Utrecht
- Are Game-Based or Text-Based Cases Superior to Train Emergency Care Skills?**  
*Mary Dankbaar, Institute of Medical Education Research, Erasmus MC University Medical Center Rotterdam, the Netherlands*
- Session 4 - Assessment Den Haag
- Moderator: *Friedo Dekker, Leiden University Medical Center, The Netherlands*
- Workplace-Based Assessment of Performance and Reasoning in Interaction**  
*Vicky Schijf, Leiden University Medical Centre, The Netherlands*
- A Pilot Approach Using the Dissection Room in ODP GI Teaching**  
*Sabrina Vitello, University of Leicester, United Kingdom*
- Improving Real-Time Assessment in a Veterinary Degree Program**  
*Susan Matthew, College of Veterinary Medicine, Washington State University, USA*
- Session 5 - Assessment Leiden
- Moderator: *Peg Weissinger, Georgetown University, USA*
- How Insights in Students' Reflective Self-Assessment Narratives from a Students-As-Teachers Elective Can Inform Course Directors and Medical Education Mentors**  
*Michelle Yoon, Uniformed Services University of the Health Sciences, USA*
- Standard Setting for a High Stakes Objective Structured Clinical Examination (OSCE): The Ebel Method, Holistic Expert Judgment and Clister Analysis**  
*Leslie R. Ellis, Wake Forest Baptist Health, USA*
- The Effects on Student Outcome and Mastery Between Traditional and Spaced Education for Online Formative Assessments: Comparing Blackboard vs Q-Stream Within a Medical Anatomy Course**  
*Craig W. Goodmurphy, Eastern Virginia Medical School, USA*
- Session 6 - Student Support Gouda
- Moderator: *Paula Smith, University of Edinburgh, United Kingdom*
- Association of Imposter Syndrome and Maladaptive Perfectionism with Depression and Anxiety in Medical Students**  
*Stuart Slavin, St. Louis University School of Medicine, USA*
- Relationship of Learning Techniques on Academic Performance for Second-Year Medical Students**  
*Sarah Lerchenfeldt, Oakland University William Beaumont School of Medicine, USA*
- Too Much of a Good Thing: "Out of Hours" Clinical Teaching at Two UK Medical Schools**  
*Yezen Sammaraiee, University College London Medical School, United Kingdom*

# Monday, June 6, 2016 (cont.)

01:15 PM - 02:15 PM	Oral Presentations (cont.) Session 7 - Other <i>Moderator: Jonathan Wisco, Brigham Young University, USA</i> <b>Credentialing Faculty as Educators: Partnership Between a School of Medicine and College of Education</b> <i>Luan Lawson, Brody School of Medicine at East Carolina University, USA</i>  <b>The Relationship Between Emotional Quotient (EQ) and Perception of Assessment Fairness in Pre-Professional Students</b> <i>Sarah Nguyen, Neuroscience Center, Brigham Young University, USA</i>  <b>Visual Mnemonics: A Novel Way of Enhancing Memory Recall in Medical Students Compared to Traditional Text-Based Learning. A Case for Their Implementation into the Medical Curriculum</b> <i>Sunjay Parmar, Sheffield Medical School, University of Sheffield, United Kingdom</i>	Alkmaar
	Session 8 - Curriculum <i>Moderator: Luke Mortensen, AACOM</i> <b>Developing an Inquiry Habit of Mind in Medical Education</b> <i>Katherine Hyland, University of California, USA</i>  <b>Healthcare Workers' Burnout in Intensive Care</b> <i>Yen-Yuan Chen, National Taiwan University Hospital, Taiwan</i>  <b>Vaccination Status and Attitudes to Human Papilloma Virus Vaccine of Millennial Medical Students</b> <i>Nelia Afonso, Oakland University William Beaumont School of Medicine, USA</i>	Haarlem
02:15 PM - 02:30 PM	Coffee Break with Exhibitors	
02:30 PM - 03:45 PM	Poster Viewing with Exhibitors <i>Odd Poster Numbered Authors to be Present</i>	Patio
03:00 PM - 03:45 PM	ESME (Closed Session)	Gouda
03:45 PM - 05:15 PM	Focus Sessions <b>Gauging Learner Readiness for the Clerkships Using an EPA-Based Formative Assessment</b> <i>Pamela Baker, Robert Neel, University of Cincinnati, USA</i>  <b>Pedagogy and the Distracted Learner</b> <i>John Szarek, The Commonwealth Medical College, USA</i> <i>Kathryn Huggett, William Jeffries, University of Vermont, USA</i>  <b>Integrating EBM Education in Clinical Practice: The CAT-Project in the Bachelor of Medicine</b> <i>Karin van der Hoorn, Arno Roest, Saskia le Cessie, John O'Sullivan, Leiden University Medical Center, The Netherlands</i>	Wassenaar  Delft  Utrecht

# Monday, June 6, 2016 (cont.)

03:45 PM - 05:15 PM	Focus Sessions (cont.) <b>Mentoring the Whole Student: Supporting Student Success of Body, Mind, Spirit, and Community</b> <i>Amanda L. Albright, Carl Thum, Dartmouth College, USA Glenda Shoop, Roshini Pinto-Powell, Matthew Duncan, Geisel School of Medicine at Dartmouth, USA</i>	Den Haag
	<b>Use of Competency Templates in Advising, Letter Writing, Tracking and Faculty Development</b> <i>Carol Elam, University of Kentucky College of Medicine, USA</i>	Leiden
	<b>Constructing a Flipped Classroom in an Integrated Curriculum</b> <i>Kelly Quesnelle, David Riddle, Dale Vandre, Western Michigan University School of Medicine, USA</i>	Amsterdam
	<b>Interdisciplinary Teaching at a Multi-Site Medical School</b> <i>Rebecca Pratt, Martha Faner, Shawna-Marie Nantais, Michigan State University College of Osteopathic Medicine, USA</i>	Haarlem
	<b>What is Curriculum Mapping and What Does It Do for My School?</b> <i>Terri Cameron, Association of American Medical Colleges, USA Guilia Bonaminio, University of Kansas School of Medicine, USA</i>	Alkmaar
06:00 PM	Busses Leave for Dinner	Lobby
06:30 PM - 09:30 PM	Gala Dinner at Museum Corpus (additional ticket required)	
09:45 PM	Busses Leave for Hotel	



# Tuesday, June 7, 2016

07:00 AM - 01:00 PM	Registration Desk Open	Lobby
07:45 AM - 08:30 AM	Breakfast Roundtable Discussions Topics Include: <ol style="list-style-type: none"><li>1. EPAs and Milestones: Innovations</li><li>2. Competency Based vs Time Based Education: Exemplars/Models</li><li>3. Diversity Issues: Health Care Disparity</li><li>4. Assessment Research: Skills vs Behavior</li><li>5. Teaching Cultural Competency</li><li>6. Interprofessional Education and Practice</li><li>7. Educational Gaming</li><li>8. Spirituality in Health Science Curricula</li><li>9. Student Research Projects</li></ol>	Garden Restaurant
08:15 AM - 09:45 AM	Focus Sessions <b>Pre-Matriculation Programs in Undergraduate Medical Education: Impact on Successful Student Learning</b> <i>Diane Chico, Angela Hairrell, Texas A&amp;M University Health Science Center College of Medicine, USA</i>	Den Haag
	<b>What Does it Take to Document a Curriculum and What Can I Do With the Data?</b> <i>Terri Cameron, Association of American Medical Colleges, USA</i> <i>Terence Ma, Albert Einstein College of Medicine, USA</i> <i>Scott Helf, Western University of Health Sciences College of Osteopathic Medicine of the Pacific, USA</i>	Delft
	<b>Curriculum Development from Entrustable Professional Activities to Milestones and Assessments</b> <i>Eduardo Velasco, Nathalie Garcia-Russell, Greg Gayer, Touro California College of Osteopathic Medicine, USA</i>	Wassenaar
	<b>Reclaiming the Role of the Basic Sciences in Competency-Based Medical Education</b> <i>Andrew Vosko, Rocky Vista University, USA</i> <i>Judith Aronson, University of Texas Medical Branch, USA</i>	Utrecht
	<b>Critical Reflection in Medical Education: A Structured Approach to Teach Critical Reflection</b> <i>Marieke Kruidering, University of California San Francisco, USA</i>	Haarlem
	<b>Riddle Me This? Constructing Effective Multiple-Choice Questions</b> <i>Jonathan Wisco, Kevin Steed, Brigham Young University, USA</i> <i>David Morton, University of Utah School of Medicine, USA</i>	Leiden
	<b>Developing an Interprofessional Simulation-Based Learning Activity for Health Professions Students</b> <i>John Szarek, Karen Arscott, The Commonwealth Medical College, USA</i> <i>Margarete Zalon, Kimberly Subasic, University of Scranton, USA</i>	Gouda

# Tuesday, June 7, 2016 (cont.)

09:45 AM - 10:00 AM	Coffee Break with Exhibitors	
10:00 AM - 11:30 AM	Focus Sessions	
	<b>Teaching the Concept of Situational Awareness to Medical Students and Health Care Professionals</b> <i>Ester Coolen, Radboud University Medical Center, The Netherlands</i>	Utrecht
	<b>Does Team-Based Learning (TBL) Meet LCME Element 6.3?! You Bet it Does!</b> <i>Amy Lin, Abbas Hyderi, University of Illinois Chicago, USA Sandy Cook, Duke-NUS Medical School, Singapore</i>	Wassenaar
	<b>Topic-Oriented Open Learning (TOOL) Platform in Anatomy: What's in it for You?</b> <i>Paul Gobée, Marco DeRuiter, Leiden University Medical Center, The Netherlands</i>	Delft
	<b>Enhancing Learning and Teaching Through Formative Assessments</b> <i>Carrie Elzie, Craig Goodmurphy, Marta Ambrozewicz, Eastern Virginia Medical School, USA</i>	Amsterdam
	<b>Using the Curriculum Inventory for International Medical Education Benchmarking</b> <i>Terri Cameron, Association of American Medical Colleges, USA</i>	Den Haag
	<b>Improving the Student Research Experience – An International Perspective</b> <i>Colleen Croniger, Case Western Reserve University, USA Peter de Jong, Friedo Dekker, Leiden University Medical Center, The Netherlands</i>	Leiden
11:30 AM - 11:45 AM	Coffee Break with Exhibitors	
11:45 AM - 12:45 PM	Plenary Session	
	<b>Competency-Based Education: Milestones or Millstones?</b> <i>Geoff Norman, McMaster University, Canada</i>	Amsterdam
12:45 PM - 01:15 PM	Awards & Closing Ceremony <i>Jonathan Wisco, Brigham Young University, USA</i>	Amsterdam
01:30 PM - 05:00 PM	ESME (Closed Session)	Gouda
01:30 PM	Busses Leave for Grand Extravaganza (Lunch Included)	Lobby
01:30 PM - 11:00 PM	Grand Extravaganza - Utrecht City Tour & Dinner (Additional Ticket Required)	



# Master Teacher Award

This annual award was established to honor an IAMSE member who, over the course of many years, has consistently demonstrated extraordinary excellence in teaching both at his/her institution and within IAMSE. Any teaching can be recognized, but nominations of members who have been active teachers at the annual IAMSE meetings or web seminars are particularly encouraged. IAMSE members may self-nominate or be nominated by another IAMSE member. The Awards Committee reviews all nominations and supporting documentation based on established criteria and selects finalists. Final approval of each award recipient rests with the IAMSE Board of Directors.

## **2016 Award Winner - Bruce W. Newton, Ph.D.**



Bruce W. Newton earned his B.S. in Biology at Slippery Rock University, Slippery Rock, Pennsylvania. He obtained his Ph.D. in Anatomy at the University of Kentucky in Lexington and subsequently spent four years in a Neuroscience Post-Doc at the University of Rochester, Rochester, New York. He spent 25 years at the University of Arkansas for Medical Sciences in Little Rock, Arkansas where he rose through the ranks to full professor of Neurobiology and Developmental Sciences as well as Educational Development. Dr. Newton was a course director for the Gross

Anatomy and Neuroscience courses, Chair of the Medical School Curriculum Committee and the Associate Dean for Undergraduate Medical Education for three years. He was awarded a Golden Apple Award by the freshmen class as well as receiving nine Red Sash awards given by senior students to those faculty members who had the greatest impact on their education. While in Arkansas he co-wrote the book "How to be an Effective Course Director" with IAMSE members Drs. Jay Menna and Patrick Tank. Dr. Newton has presented the IAMSE Faculty Development course of the same name five times in the past 13 years. He moved to the Campbell University Jerry M. Wallace School of Osteopathic Medicine in 2013. He is currently the Chair of the Anatomy Department and is the Block Leader for the Musculoskeletal block and the Course Director for the Musculoskeletal and Gross Anatomy courses. Dr. Newton gratefully thanks all those IAMSE colleagues and friends who have helped him over the years to become a Master Teacher.



# Master Scholar Award

The Master Scholar Award recognizes an IAMSE member who has a distinguished record of educational scholarship including educational research and/or dissemination of excellent and scholarly approaches to teaching an education. This could include development of multimedia medical educational programs, research in the areas of curriculum design and evaluation, student assessment, or innovative programs and methods.

## 2016 Award Winner - Sandy Cook, Ph.D.



In June 2006, Dr. Cook joined the Duke - NUS Graduate Medical School in Singapore, as Associate Professor and the Associate Dean for Curriculum Development as well as head of the Medical Education, Research, and Evaluation Department. In 2010 she was promoted to Senior Associate Dean. In 2012 she began working with the Academic Medicine Education Institute (AM. EI) a joint venture with Duke-NUS and SingHealth – Partners in Medicine as Chief of Pedagogy. In 2014, she was accepted into the NUS Teaching Academy Fellows.

Dr. Cook received her PhD from Cornell University in Adult and Continuing Education. Her Master's is in Research Methodology and her Bachelor's in Experimental Psychology, both from Ohio State University. Prior to coming to Singapore she was the Associate Dean for Curricular Affairs, and Senior Research Professional at The University of Chicago Pritzker School of Medicine from 2001-2006. Dr. Cook went to Chicago in 1985 to work as an education specialist for the Diabetes Research and Training Center (DRTC), a major NIH grant that was awarded to the University of Chicago in 1976 and continues to be funded. One of the major focuses of that grant has been the translation of diabetes research to patients, physicians, and the community. She continued on that grant and other diabetes related grants until 2003, when she focused her time on working with Pritzker School of Medical faculty to develop scholarly medical education research projects.

Dr. Cook's overall research in Chicago focused on developing and evaluating educational programs throughout the Division of Biological Sciences; health outcomes research in the area of diabetes, sleep medicine disorders, asthma, and geriatrics; and faculty development efforts in the area of the Scholarship of Education. Her work in the area of simulation and clinical assessment grew with the development of a Clinical Performance Center at the University of Chicago for use in teaching and assessing the clinical skills of medical students. Her research efforts have resulted in numerous publications, published abstracts, and one book chapter. Since coming to Singapore, she has focused much of her research on the development, implementation, and impact of Team-based Learning and faculty development.

She has been a member of the Society of Directors in Research in Medical Education since 2002 and served on the Board of Directors for 5 year. She spent 8 years on the board of the Chicago Asthma Consortium, and served as President from 2003-2006. She also was the chair of the Curriculum and Evaluation Committee of the 13-Schools Consortium from 2001-2006. She currently is a member of the Team-based Learning Collaborative, International Association of Medical Science Educators, Association of Medical Educators of Europe, and is an associate editor for Medical Science Educator and the Proceedings of Singapore Health Care.



# General Assembly & Business Meeting Agenda

**Welcome:** Greg Smith

**President's Address:** Veronica Michaelsen

- Recognition of Outgoing Board Members
- Installation of Incoming Members of the Board of Directors
- Outcomes of the Annual Board Meeting
- Concerns regarding IAMSE Copyright

**Council of Faculty & Academic Societies:** Aviad Haramati

**Election of Members for the Nominating Committee:** Greg Smith

**Annual Financial Report:** Neil Osheroff

**Standing Committee Updates:** Veronica Michaelsen

- Executive Committee
- Professional Development Committee
- Nominating Committee
- Membership Committee
  - Recognition of 5, 10, & 15 Year Members
- Organizational Development Committee
- Publications Committee
  - Public Affairs
- Finance Committee
- Educational Scholarship
- Oversight Committee
- Student Research Committee
- Site Selection Committee
- Web Seminar Committee
- Committee for the Advancement of Medical Science Educators

**Report from the Editor-in-Chief:** Peter de Jong

**Annual Association Meetings**

- 2017, Burlington, VT USA / Kathryn Huggett, Program Chair

**Membership Forum**

# Committee Listing

Thank you to all who helped make the 2016 IAMSE meeting a huge success!

## Program Committee

Luke Mortensen (Chair)	Julie Hewett
Neil Osheroff	Jonathan Wisco
Paula Smith	Zalim Balkizov
Peg Weissinger	Friedo Dekker
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John Fredieu	Rustin Reeves	
Thom Gaddy	Michael Robinson	
David Harris	Thomas Schmidt	
Amber Heck	Patricia Sexton	
Kerstin Honer Zu Bentrup	Balakrishna Shetty	
Denise Kay	Mark Simmons	

# About IAMSE

We, in IAMSE, believe that science must continue to be the basis for the practice of modern healthcare. To successfully provide comprehensive care, health professionals must be able to combine compassion, understanding, and communication skills with a readily accessible knowledge base. We believe that all health science educators have an obligation to their students, their profession, and to themselves to model the highest standards of professionalism. And, we believe in equality, embracing the diversity of all colleagues regardless of cultural, geographic or political boundaries.

The mission of the International Association of Medical Science Educators is to advance health professions education through teacher development and to ensure that the teaching and learning of medical science continues to be firmly grounded in foundational sciences and the best practices of teaching.

We strive to achieve this by:

- providing multidisciplinary, interprofessional and cross-cultural forums for discussion of issues affecting medical science education and educators;
- designing and evaluating current and innovative means to teach the sciences fundamental to health professions, and sharing the results for the development of all health professions educators and;
- serving as an international voice to enhance appreciation of the crucial role of medical sciences in health and health care.

# IAMSE Board of Directors

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## **Special thanks to the LUMC Student Support team**

Damla Demir  
Irene Locher  
Sarah Valk



# Hotel Map



*Holiday Inn*

LEIDEN

