Green Valley Ranch
Las Vegas, NV, USA

22nd Annual IAMSE Meeting
Integrating Nutrition and Wellness Education in Teaching the Health Sciences

June 9 - 12, 2018

Hosted By:
ROSEMAN UNIVERSITY OF HEALTH SCIENCES
Touro University Nevada
College of Osteopathic Medicine
UNLV School of Medicine

PROGRAM BOOK
22nd Annual IAMSE Meeting
Integrating Nutrition and Wellness Education in Teaching the Health Sciences

Pre-Conference Workshops
June 9, 2018

Main Conference
June 10-12, 2018

Hosted By:
Roseman University of Health Sciences
Touro University Nevada
College of Osteopathic Medicine
UNLV School of Medicine
Meeting App

Download the Meeting App

https://crowd.cc/s/1znJy

Visit the Web Version of the Meeting App

https://crowd.cc/iamse18

Scan the QR Code Below with any Barcode/QR Scanner to Download the Meeting App Now
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Dear Colleagues,

Welcome to Green Valley Ranch in Henderson, Nevada and the 22nd annual meeting of the International Association of Medical Science Educators! This vibrant hotel and spa provides a beautiful, relaxing, and also exciting setting and the trio of Roseman University of Health Sciences, Touro University Nevada College of Osteopathic Medicine, and UNLV School of Medicine are our hosts as we convene around the theme “Integrating Nutrition and Wellness Education in Teaching the Health Sciences”.

Throughout these next several days, we will be led in our discussions and deliberations by our plenary speakers – Drs. Aviad Haramati, Robert F. Kushner, Hanno Pijl, Christina M. Puchalski, and Stuart J. Slavin. Their research and work offer compelling insight into multiple facets of wellness, resiliency and spirituality of students, faculty and staff and the important role of nutrition education in the health sciences. In addition, we will engage in thoughtful conversation on these and other health science education topics in pre-conference workshops, focus sessions, oral presentations, and posters.

Over the past 21 years, IAMSE has brought members and guests together annually in a wonderful setting for an opportunity to share experiences, reconnect, collaborate, network, and learn from each other. Together with the 2018 Program Planning Committee, the IAMSE staff, the Board of Directors, and the Executive Committee, I hope that this meeting is a catalyst for reflection and growth for all of you. This event underscores IAMSE’s goals and vision as well as its collective international mission to advance health profession 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.

Best wishes for a successful and inspiring meeting!

Richard C. Vari, PhD
2018 Program Chair
IAMSE President
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<td>8:00AM - 9:00AM</td>
<td>Registration for ESME Participants</td>
<td>Grand Ballroom Foyer</td>
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<td>ESME (Closed Session)</td>
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<td>8:30AM - 5:00PM</td>
<td>IAMSE Board of Directors Meeting (Closed Session)</td>
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<td>12:00PM - 1:00PM</td>
<td>IAMSE Board Lunch (Closed Session)</td>
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<td>6:00PM - 7:30PM</td>
<td>IAMSE Board Dinner (Closed Session)</td>
<td>El Viento II</td>
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### Saturday, June 9, 2018

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<td>Breakfast <em>(On Your Own)</em></td>
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<td>8:30AM - 3:15PM</td>
<td><strong>All-Day Faculty Development Courses</strong> <em>(Additional Fee)</em></td>
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<td>Integrate Now: Evidence-Based Tools to Advance the Cognitive Integration of Basic and Clinical Sciences</td>
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<td><em>Michael Dell, Leslie Fall, Tracy Fulton, David Harris, James Nixon, Ann Poznanski, Brian Wilcox, Amy Wilson-Delfosse</em></td>
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<td>Basics of TBL in a Day</td>
<td>Del Mar II</td>
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<td><em>Hugh Clements-Jewery, Abbas Hyderi, Amy Lin</em></td>
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<td>8:30AM - 11:30AM</td>
<td><strong>Pre-Conference Workshops</strong> <em>(Additional Fee)</em></td>
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<td>An Introduction to Game-Based Teaching &amp; Learning: A Hands on Workshop</td>
<td>La Sirena III</td>
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<td><em>Reid Adams, Eric Bauman, David Pederson</em></td>
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<td>An Introductory Guide for Introducing Lifestyle Medicine in Undergraduate Medical Curriculum</td>
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<td><em>Denise Kay, Magdalena Pasarica</em></td>
<td>El Viento IV</td>
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<td>Introduction to the Medical Science Educator Journal and Basic Reviewing Tips</td>
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<td><em>Mark Andrews, Sandy Cook, Peter de Jong, James Pickering</em></td>
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<td>What's My Style? A Framework for Enhancing Leadership Skills in Medical Education</td>
<td>La Sirena I</td>
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<td><em>Chris Burns, Stephanie Wragg</em></td>
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<td>10:00AM - 10:15AM</td>
<td>Coffee Break</td>
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<td>11:30AM - 12:15PM</td>
<td>Lunch <em>(On Your Own)</em></td>
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12:15PM - 3:15PM Pre-Conference Workshops (Additional Fee)

Expanding Your Horizons Beyond Your Current Academic Unit: What’s Next on Your Leadership Pathway
Maryellen Gusic, Wendy Hobson-Rohrer

Educational Research Manuscript Reviews - The Good, the Bad, and the Ugly
Mark Andrews, Sandy Cook, Peter de Jong, James Pickering

Developing Cases in Your Curriculum: How to Write Engaging Cases and Support Faculty Development
Christine Hutak, Donna-Marie McMahon, Swapan K. Nath, Todd Nolan, Naunihal Zaveri

Using Mind-Body Physiology to Gain Acceptance for Wellness/Resiliency Programs
Michael Lumpkin, Emily Ratner

12:15PM - 3:15PM Student Workshop
Sponsored by ScholarRx

New Educator and Scholar Training (NEST): A Professional Development Workshop for Students
Alice Fornari, Elisabeth Schlegel

1:30PM - 1:45PM Coffee Break

3:15PM - 3:30PM Coffee Break

3:30PM - 5:30PM IAMSE Fellowship (Closed Session)

3:30PM - 5:30PM Student Reception

6:00PM - 8:00PM Opening Ceremony

8:00PM - 9:15PM Opening Reception
**Sunday, June 10, 2018**

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<td>Breakfast and Roundtable Discussions</td>
<td>Grand Ballroom I + II</td>
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<td>8:15AM - 8:30AM</td>
<td>Welcome</td>
<td>Grand Ballroom I + II</td>
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<td><em>Richard Vari</em></td>
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<td>8:30AM - 9:30AM</td>
<td><strong>Plenary Session</strong></td>
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<td>Fostering Well-Being in the Learning Environment: The Imperative for Medical Science Educators</td>
<td>Grand Ballroom I + II</td>
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<td><em>Aviad Haramati</em></td>
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<td>9:30AM - 9:45AM</td>
<td>IAMSE Finnerty Award Presentation</td>
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<td>9:45AM - 10:00AM</td>
<td>Coffee Break with Exhibitors</td>
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<td>10:00AM - 11:30AM</td>
<td><strong>Focus Sessions</strong></td>
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<td>Practice Makes Perfect: How to Engage Medical Students in Professionalism Discussions</td>
<td>Del Sol</td>
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<td><em>Shawna McCafferty, Carol Nichols</em></td>
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<td>Making the Transition from Curricular Evaluations to Medical Education Research</td>
<td>Del Mar I</td>
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<td><em>Marta Ambrozewicz, Carrie Elzie</em></td>
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<td>A Collaborative Approach to Helping Students to Find Personal &amp; Professional Balance</td>
<td>La Cascada I</td>
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<td><em>Saroj Misra, Carrie Nazaroff, Rebecca Pratt</em></td>
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<td>Teaching Anatomy Using Anatomic Body Painting</td>
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<td><em>Cindy Bennett</em></td>
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<td>Gamifying Learning</td>
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<td><em>Fanny Huijbregts-Verheyden, Carolien Kamphuis</em></td>
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<td>Using Competency-Based Assessments to Monitor and Coach the Professional Growth and Development of Pre-Clerkship Medical Students</td>
<td>La Sirena IV</td>
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<td><em>Neil Osheroff, Cathleen Pettepher</em></td>
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10:00AM - 11:30AM  **Focus Sessions (cont.)**

Promoting Active Student Participation in Medical School Curriculum Design and Development  
*Yun Chu, Tao Le, Jessica O'Neil, Frazier Stevenson*

Effective Evaluation of Technology - Enhance Learning Resources in Healthcare Education  
*James Pickering*

You Submitted an Abstract, You’ve Presented it at a Conference, Now What?  
*IAMSE Student Professional Development Committee*

Reevaluating Biochemistry and Nutrition Education Through Opinions of Clinical Relevance  
*Emily Hays, Jake Levine, Tracey Weiler*

11:30AM - 12:45PM  **Networking Lunch**  
**Grand Ballroom I + II**

11:30AM - 12:45PM  **New Member Lunch**  
**Hank’s Steakhouse**

11:30AM - 12:45PM  **Student Lunch**  
**El Cielo**

12:45PM - 1:45PM  **Plenary Session**

Lifestyle Medicine: Why Do We Need It?  
*Hanno Pijl*

1:45PM - 3:15PM  **General Assembly & Business Meeting** (All are welcome)  
**Grand Ballroom I + II**

3:15PM - 3:30PM  **Coffee Break with Exhibitors**  
**Grand Ballroom Foyer**
3:30PM - 4:30PM

**Oral Presentations**

**Session 1 - Assessment**

*(Moderated by Kathryn Huggett)*

- Assessing Undergraduate Medical Education Competencies in Obesity Medicine: Observed Structured Clinical Encounter
  *Magdalena Pasarica*

- Medical Student Equanimity: Staying Cool Under Pressure but Maintaining Empathy Toward Others
  *Robert Treat*

- Should Selectivity Indices of Undergraduate Institutions be Used as a Criteria for Medical School Admissions?
  *Scott Helf*

- Discriminant Validation of a New Test of Evidence-Based Medicine
  *Diana Glendinning*

**Session 2 - Assessment**

*(Moderated by Hong Gao)*

- Post-Exam Feedback with Question Rationales Improves Re-test Performance of Medical Students on a Multiple-Choice Exam
  *Beth Levant*

- Use of a Two-Step Examination Process in a First-Year Medical Anatomy Course: Impact on Student Experience and Performance
  *Melanie Korndorffer*

- Assessing the Effectiveness of Objectively Structured Clinical Teaching (OSCT) in Standardized & Real Patients in Undergraduate Clinical Training - A Pilot Study
  *HMP Singh*

- Effect of Basic Sciences Grades and Preparatory Courses on USMLE Step 1 Performance Amongst Medical Honor Students in a Caribbean Medical School
  *Ryan Chen*
Sunday, June 10, 2018 (cont.)

3:30PM - 4:30PM  Oral Presentations (cont.)

Session 3 - Curriculum  El Viento I
(Moderated by Kathryn Thompson)

Aligning Expectations: Comparing Student and Clerkship Director Perspectives about Readiness to Perform the Core Entrustable Professional Activities at the Start of the Clerkship Curriculum
Victor Soukoulis

Introducing a Self-Care Curriculum in Medical School
Alan Hull

eQuality at the University of Louisville: An Integrated LGBTQ Health Curriculum to Improve Physician Competency
Leslee Martin

Reconnecting the Mouth to Medical Education
Richard Vari

Session 4 - Curriculum  Del Fuego
(Moderated by Helena Carvalho)

Radiology in a Preclinical Medical School Curriculum: Students’ Acceptance of a New Interactive Teaching Format
Alexander Boscia

A Novel Approach to Global Health Education: Teaching Applicable Skills and Capacity Building in Medical School
Amy Miner

Educating Medical Students to Become Great Teachers: A Longitudinal MS4 Medical Student as Teacher Elective (MST)
Elizabeth Schlegel

Continuous Professional Development Course: A Way to Enhance Medical Students’ Progression on Competency Goals
Leslie Ruffalo
Sunday, June 10, 2018 (cont.)

3:30PM - 4:30PM  Oral Presentations (cont.)

Session 5 - Instructional Methods  La Sirena IV
(Moderated by Michiel Schokking)

A Retrospective Study of Interactive Pharmacology Instruction: Did the Flip Flop?
Emmanuel Ngu

Effectiveness of Simulation-Based Multidisciplinary Teamwork Training of Physical Restraint in Psychiatric Wards
Chih-Wei Yang

Evaluating Medical Student Engagement During an Innovative "Immune Response Simulation" Session Targeted to Enhance Understanding of Abstract Immunological Principles
Nyla Dil

Session 6 - Instructional Methods  Del Sol
(Moderated by Mary Dereski)

Cloud-Based Learning: Interactive Team-Based Learning Instruction Using Google Drive
Anne Dersch

Student’s Perceptions of the Physician’s Role in Patients’ Behavior Change?
Denise Kay

Integration of Simulation Early in Undergraduate Medical Education Enhances Student Critical Thinking
Mary Dereski

Session 7 - Student Support  Del Mar I
(Moderated by Anna Edmondson)

Predictors of USMLE Step 1 Outcomes: Charting Successful Study Habits
Ryan Guilbault

How Emotional Exhaustion, Cynicism, and Personal Accomplishment Impact Personal Perception of Wellbeing
Becky Gates
3:30PM - 4:30PM

**Oral Presentations (cont.)**

**Session 7 - Student Support (cont.)**
(Moderated by Anna Edmondson)

For Students by Students: A Pilot Study of a Self-Assessment Tool: Student-Led Assessment Project 2018 (SLAP18)
Avery Ford

Factors Predicting Successful Performance on USMLE Step 1
Sara Barnett, Rachel VonLuehrte

**Session 8 - Technology & Innovation**
(Moderated by Jessica Jones)

Cadaver VS. Microsoft Hololens: A Comparison of Educational Outcomes of a Breast Anatomy Module
Valeda Yong

OneNote: More than Just a Place for Students to Compile Notes
Sarah McCarthy

Enrollment Intentions of Learners for Open Online Courses in Different Educational Settings
Peter de Jong

Promoting Interprofessional Communication in Rural Settings Through IPE Telemedicine Simulations
Richard Van Eck

**Session 9 - Other**
(Moderated by John Kappenburg)

How Students Choose E-Learning Resources - The Importance of Convenience and Familiarity
Michael Hortsch

Recorded Lectures: Who’s Watching, What’s Being Watched, and When
Darren Hoffmann
3:30PM - 4:30PM
Oral Presentations (cont.)

Session 9 - Other (cont.)
(Moderated by John Kappenburg)

Cross-Year Peer Mentors in a Prematriculation Course
Develop Competencies Needed for Professional Success
Anna Kosobuski

A Peer-Assisted Learning Strategy for Evidence-Based
Medicine Education in the Internal Medicine Clerkship
Michael Bubb

Session 10 - TBL/PBL
(Moderated by Mark Hernandez)

Evaluation of the Role of Incentive Structure on Student
Participation and Performance in Active Learning
Strategies: A Comparison of Case-Based and Team-Based Learning
Kathryn Behling

Combination of Two Different Active Learning
Strategies, Team-Based Learning and Hands-On
Experimentation, Strengthens Student Acquisition
of Course Content in Underrepresented in Medicine
Undergraduate Students
Gonzalo Carrasco

Comparative Study of Online and Classroom-Based
Team-Based Learning in Immunology
Robin Harvan

Matchy-Matchy!: A Catchy TBL Application with
Highly Kinetic Activities
Joseph Baker

4:00PM - 5:00PM
ESME (Closed Session)
El Viento III

4:30PM - 5:45PM
Poster Viewing
Grand Ballroom I + II & La Sirena I + II
Monday, June 11, 2018

7:00AM - 5:00PM
Registration Desk Open
Grand Ballroom Foyer

7:45AM - 8:30AM
Breakfast and Roundtable Discussions
Grand Ballroom I + II

8:30AM - 8:45AM
Housekeeping Announcements
Grand Ballroom I + II

8:45AM - 9:45AM
**Plenary Session**

Connecting to Our Call: A Profession of Service and Love
*Christina Puchalski*
Grand Ballroom I + II

9:45AM - 10:00AM
IAMSE in Roanoke Presentation
*James Pickering*
Grand Ballroom I + II

10:00AM - 10:15AM
IAMSE in Asia Presentation
*Neil Osheroff*
Grand Ballroom I + II

10:15AM - 10:30AM
Coffee Break with Exhibitors
Grand Ballroom Foyer

10:30AM - 12:00PM
**Focus Sessions**

- Quality Assessment of Open Online Resources for Application in Classroom Teaching
  *Peter de Jong, James Pickering, Marlies Reinders*
  Del Sol

- Assessing Clinical Reasoning and Evaluation of Evidence-Based Research in a 4th Year Clerkship
  *Amanda Albright, Gina Fernandez, Leah Montalbano, Roshini Pinto-Powell*
  La Cascada III

- Better Aligning USMLE Step Exams With What We Actually Want Students To Be Able To Do: What's Your Discipline's Metabolic Map?
  *Peter Anderson, Robert Carroll, Tracy Fulton, Janet Lindsley, Kathryn Moore, Gary Rosenfeld*
  Del Mar II

- What Good is a Great Innovation if It's Not Shared?
  Publishing in MedEdPortal and Academic Medicine
  *Jennifer Campi, Grace Huang, Sara Hunt, Liza Karlin, David Sklar*
  Del Fuego
Focus Sessions (cont.)

Feedback Please: Teaching Medical Students How to Provide and Receive Face-to-Face Feedback
Emily Bird, William Cutrer, Neil Osheroff, Cathleen Pettepher

Student Development for EPA-Based Curricula: How Do We Prepare Students to Fully Engage and Thrive in This Evolving Educational Paradigm?
Maryellen Gusic, Christine Peterson, Linda Waggoner-Fountain

Using Philanthropy to Advance Goals and Strengthen Medical School Climate, Culture, Commitment and Wellness
Wolfgang Gilliar, John Kappenberg, Kathleen Maitland

Do Basic Science Faculty and Clinicians Use the Same Types of Knowledge and Reasoning Processes When Training Medical Students in Differential Diagnosis?
Frank Papa, Michael Smith

Using Standardized Patient Encounters to Teach Communication Skills: Can We Better Engage Patients Living in Poverty?
Beth Choby, Marion Donohoe, Molly Shankles, Marcella Wilson

Applying Principles of Backward Design to Align Outcomes, Assessments and Instruction for Active Learning
Nadia Ismail, Alana Newell, Nancy Moreno

Networking Lunch

1:15PM - 2:15PM

Plenary Session

Teaching Nutrition in the Context of Lifestyle Medicine
Robert Kushner
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<td>Poster Viewing</td>
<td>Grand Ballroom I + II &amp; La Sirena I + II</td>
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<td>3:00PM - 3:45PM</td>
<td>ESME (Closed Session)</td>
<td>El Viento III</td>
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<td>3:45PM - 5:15PM</td>
<td>Focus Sessions</td>
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<td>Developing a Model to Facilitate Small Group Learning with Limited Faculty Numbers</td>
<td>La Cascada I</td>
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<td><em>Monica Bailey</em></td>
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<td>Stress and Distress in Basic Science Faculty: Finding a Path Forward</td>
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<td><em>Aviad Haramati, Stuart Slavin</em></td>
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<td>Mapping and Competencies and Integration, Oh My!</td>
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<td>The Kansas Curricular Change Experience</td>
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<td><em>Giulia Bonaminio, Gary Doolittle, Joe Fontes</em></td>
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<td>IAMSE Nutrition Advocates: Defining Our Role Within a Broader Nutrition Community of Practice</td>
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<td><em>Janet Lindsley, Kathryn Thompson</em></td>
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<td>Enhancing Student Preparation Through the Generation of Effective Pre-Class Materials</td>
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<td><em>Andrew Binks</em></td>
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<td>Reflective Writing in Clerkships: Viewing Patients Through a Basic Science Lens Using the Kolb Learning Cycle</td>
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<td><em>Bonny Dickinson, Kristine Gibson, Lisa Graves, Jeffrey Greene, Kristi VanDerKolk</em></td>
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<td>Issues Surrounding Assessment of EPAs Using Standardized Patients and Other Cases in an OSCE Format</td>
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<td><em>Beth Ipock, Heidi Lane</em></td>
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3:45PM - 5:15PM  Focus Sessions (cont.)

Spaced-Versus Massed-Content Approaches to Curricular Design in Multi-Organ-System Courses: Which is Better for Learning?  
_Leticia Rolon, Justin Sewell_  
La Sirena III

Did You Miss It? Oral Health as a Factor in Health and Disease  
_Cynthia Booth Lord, Tiffany Flick_  
La Luna

Student Reflection in Medical Education  
_Bonnie Granat, Robin Ovitsh_  
Del Sol

6:30PM - 9:30PM  Gala Dinner  (Ticket Required)  
Grand Ballroom I + II
Tuesday, June 12, 2018

7:00AM - 1:00PM  Registration Desk Open  Grand Ballroom Foyer

7:00AM - 8:30AM  Breakfast  Grand Ballroom I + II

8:30AM - 10:00AM  Focus Sessions

- Students Helping Students: Guide to Improving Mental Health and Wellness in the Student Perspective  La Cascada I
  Erika Allen, Melanie Dunbar, Molly Johannessen, Christopher Kordick, Stephanie McKenney Groff

- Addressing Active Learning Implementation Challenges  La Cascada II
  Alice Fornari, Amber Heck, Kathryn Huggett

- Pearls and Pitfalls in the Pursuit of Cognitive Integration  Del Mar I
  Maria Mylopoulos, Nicole Woods

- Crossing the Emotional Intelligence Threshold: From Periphery to Practice  La Sirena III
  Frank Bailey, Ling Cao, Celia Mantovani, Douglas Spicer, Kathryn Thompson

- Teaching Diagnostic Error Prevention Skills to Medical Students, Residents, and Practicing Physicians  La Sirena II
  Dan Mayer

- Transform & Roll Out! Strategies for Schools Undergoing Curriculum Redesign  La Sirena IV
  Eileen Cowan, Kirstin Nackers, Raquel Tatar

- Use of the Integrative Virtual Family and Micro-Learning Concepts to Teach Nutrition to Medical Students  Del Fuego
  Brielle Ashley, Cynthia Cadieux, Carrie Elzie

- The Entrustment Conundrum: Designing a Comprehensive Assessment Strategy that Reliably Monitors the Progression of Entrustment in our Medical Students  Del Mar II
  Pamela Baker, Stephen Baxter, Amy Guiot, Laurah Lukin, Robert Neel, Sarah Ronan-Bentle, Michael Sostok, Cijy Elizabeth Sunny
Focus Sessions (cont.)

8:30AM - 10:00AM

Aligning Intrinsic and Extrinsic Motivators to Support Faculty Using Active Learning Methods
Laurel Gorman, David Harris, Magdalena Pasarica

Utilization of the Case Based Collaborative Learning (CBCL) Format to Educate Medical Students on the Immunologic Response to Influenza
Selina Gierer, Jessica Newman, Michael Robinson

10:00AM - 10:15AM

Coffee Break with Exhibitors
Grand Ballroom Foyer

10:15AM - 11:15AM

Oral Presentations

Session 1 - Assessment
(Moderated by Amina Sadik)

Student Academic Performance Factors Affecting Matching Into First-Choice Residency and Competitive Specialties
Scott Helf

Interpreting Results of the National Graduation Questionnaire
Emmanuel Mbaku Ngu

A Mock Exercise Contributes to an Improvement in Students’ Performance and Satisfaction with Essay Exams
Jenny Fortun

An Integrated “First Patient” Discoveries Activity Assesses Multiple Competency Domains
Anna Edmondson

Session 2 - Assessment
(Moderated by Amber Heck)

Educational Effect of Assessments: Essays can Promote Study Strategies that Develop the Clinical Reasoning Process in First Year Medical Students
Helen Tempest

We Need a Six Pack...for Faculty Development
Heather Billings
10:15AM - 11:15AM

Oral Presentations (cont.)

Session 2 - Assessment (cont.)
(Moderated by Amber Heck)

Automated Assessment of Student Learning and Curriculum Mapping Using Machine Learning
Ian Haworth

The Acquisition and Progression of Communication Skills During Pre-Clerkship Curriculum: Does Early Exposure to Clinical Skills Improve Medical Student Performance?
Michelle Yoon

Session 3 - Curriculum
(Moderated by Laurel Gorman)

Correlating Preclinical Ambulatory Care Specialty Exposure with First-Year Medical Student Performance on an Objective Structured Clinical Examination
John Nolan

Exodus from the Classroom: Student Perceptions, Lecture Capture Technology, and the Inception of On-Demand Preclinical Medical Education
Uzoma Ikonne

Integration of Addiction Medicine into Organ Systems Curriculum
Marta Ambrozewicz

Returning to Basic Science in the 4th Year: A Flexible Elective in Pathophysiology of Disease Provides Meaningful Learning Opportunities
Margaret Maimone

Session 4 - Curriculum
(Moderated by Elizabeth McClain)

Pathways for the Integration of Basic Science Content in Phase 1 Medical Education
Amy Medlock
Tuesday, June 12, 2018 (cont.)

10:15AM - 11:15AM

**Oral Presentations**

**Session 4 - Curriculum (cont.)**

*Moderated by Elizabeth McClain*

Development of a Physiology Core Concept Framework to Facilitate Integration with Clinical Decision Making  
*David Harris*

Use of a Curriculum Database to Drive Development of Cases that Foster Cognitive Integration of Foundational Science Knowledge and Clinical Decision-Making  
*Tracy Fulton*

Don’t Re-Invent the Wheel, Re-Purpose It: Using Existing Cases to Integrate Basic Science Content and Differential Diagnosis Using Integrated Illness Scripts  
*Brian Wilcox*

**Session 5 - Instructional Methods**

*Moderated by Robert Theobald*

Friday Formative Quizzes: A Group-Format Review Designed with Input from Learners  
*Jessica Jones*

Student Perceptions of Using the Pathways of Human Metabolism Map for Learning, Studying, and as a Reference on Assessments  
*Doug Spicer*

Using a Series of Simple Puzzle Phantoms to Encourage Medical Student Understanding of Ultrasound Fundamentals: Scaling Up  
*Lauren Maloney*

An Innovative Method for Teaching Advanced Clinical Skills in Lifestyle Medicine  
*Magdalena Pasarica*

**Session 6 - Student Support**

*Moderated by Maureen McEnry*

Financial Education Among Medical Students: An Evaluation of Financial Preparedness using a California Paradigm  
*Emily Van Kouwenberg*
Tuesday, June 12, 2018 (cont.)

10:15AM - 11:15AM  Oral Presentations (cont.)  

Session 6 - Student Support (cont.)  
(Moderated by Maureen McEnry)  

Being Well at the University of Louisville: A Comprehensive Wellness Initiative Promotes Health, Resilience, and Compassion in Medical Students  
Ann Shaw  

Assessing Metacognitive Regulation Skills in Students in a Professional Program  
Cortny Williams  

Session 7 - Technology & Innovation  
(Moderated by Richard Van Eck)  

The Virtual Microscopy Database - Sharing Digital Microscope Images for Research and Education  
Michael Hortsch  

Knowledge and Perceptions of Ultrasound in a Clinical Anatomy Course for Allied Healthcare Graduate Students  
Saskia Richter  

Innovative Use of Audience Response System to Assess Teaching Methods and Implement Rapid Change  
Mari Hopper  

11:15AM - 11:30AM  Coffee Break  

11:30AM - 12:30PM  Plenary Session  

Medical Student Mental Health: Challenges and Opportunities  
Stuart Slavin  

12:30PM - 1:00PM  Awards and Closing Ceremony  

1:15PM - 5:45PM  ESME (Closed Session)  

1:30PM - 1:45PM  Buses Load for Grand Extravaganza (Ticket required)  

1:45PM - 8:30PM  Grand Extravaganza (Hoover Dam & Dinner)
Plenary Speaker

Fostering Well-Being in the Learning Environment: The Imperative for Medical Science Educators

Sunday, June 10
8:30AM - 9:30AM

Aviad Haramati, PhD
Center for Innovation and Leadership in Education (CENTILE) Georgetown University Medical Center
Professor & Director, CENTILE

Aviad “Adi” Haramati, PhD, is Professor of Integrative Physiology in the Departments of Biochemistry, Molecular & Cellular Biology and Medicine (Nephrology), Founding Director of the Center for Innovation and Leadership in Education (CENTILE), and co-director of the CAM Graduate Program at Georgetown University Medical Center. He received a PhD in Physiology from the University of Cincinnati and came to Georgetown after 5 years at Mayo Clinic. His research interests addressed renal and electrolyte homeostasis, but now he focuses his work on medical education and rethinking how health professionals are trained.

Dr. Haramati has taught physiology for close to 40 years and has been recognized with multiple awards including the Arthur C. Guyton Teacher of the Year award by the American Physiological Society, the Alpha Omega Alpha Robert J. Glaser Distinguished Teaching Award from the Association of American Medical Colleges, the Master Scholar Award from the International Association of Medical Science Educators (IAMSE) and named Distinguished Educator by the GUMC Teaching Academy for Health Sciences.

Dr. Haramati seeks to improve medical education across the globe, especially with regard to the intersection of science, mind-body medicine and professionalism. He has chaired a number of international conferences, including the 2017 CENTILE Conference on Strategies to Promote Resilience, Empathy and Well-being in the Health Professions: An Interprofessional Forum, held in Washington, DC, October 22-25, 2017. Dr. Haramati served as IAMSE’s first president, and has been a visiting professor at over 90 medical schools worldwide.
Lifestyle Medicine: Why Do We Need It?

Sunday, June 10
12:45PM - 1:45PM

Hanno Pijl, MD, PhD
Leiden University Medical Center
Internist-Endocrinologist

Hanno Pijl is an internist-endocrinologist at the Leiden University Medical Center (LUMC). He is professor of Diabetology at the same institution since 2007. He practices internal medicine, and co-authored over 200 papers in peer reviewed scientific journals, primarily related to obesity and type 2 diabetes. He has been a member of the Dutch Health Council (standing committee on nutrition) from 2008-2016. He is former president (2014-2017) of the Dutch Obesity Partnership, an umbrella organization connecting all stakeholders involved in obesity care in the Netherlands. He currently co-chairs a joint effort of LUMC and the Dutch Organisation of Applied Science (TNO) to set up a knowledge and innovation center focusing on lifestyle interventions in health care.
Connecting to Our Call: A Profession of Service and Love

Monday, June 11
8:45AM - 9:45AM

Christina Puchalski, MD, MS, FACP, FAAHPM
George Washington Institute for Spirituality and Health
FAAHPM Prof, G W Medicine and Health Science Director,
G W Institute for Spirituality and Health

Christina Puchalski, MD, MS, FACP, FAAHPM, is a pioneer and international leader in the movement to integrate spirituality into healthcare in clinical settings and medical education. As founder and director of the George Washington Institute for Spirituality and Health (GWish) and Professor of Medicine and Health Sciences at The George Washington University in Washington, DC, she continues to break new ground in the understanding and integration of spiritual care in a healthcare setting. She has co-led national and international consensus conferences leading to recommendations for the integration of interprofessional spiritual care in palliative care focused on whole person models of care to address suffering and spiritual needs of patients and families.

GWish is fostering alliances globally to further this integration through the Global Network for Spirituality and Health (GNSAH), co-directed and founded by Dr. Puchalski. She is board certified in Palliative Medicine and Internal Medicine and is a Fellow of the American College of Physicians and the American Academy of Hospice and Palliative Medicine. At the GWU Medical Faculty Associates she directs an interdisciplinary outpatient Supportive and Palliative Care clinic in Oncology and is a Medical Hospice Co-Director for Professional Health in Washington, DC.

Dr. Puchalski is widely published in journals with work ranging from biochemistry research to issues in ethics, culture, and spiritual care. She has authored numerous book chapters and published a book with Oxford University Press entitled Time for Listening and Caring: Spirituality and the Care of the Seriously Ill and Dying. She is co-editor of an international textbook on Spirituality and Health published by Oxford University Press. She is a co-editor of the Humanities, Language, Art and Spirituality section of the Journal of Pain and Symptom Management; she also serves on many journal editorial boards.

Puchalski has also served on many advisory committees or boards including The World Health Organization, The Vatican and the Maruzza Foundation, The Academy of Hospice and Palliative Medicine and the Association of Professional Chaplains.
Teaching Nutrition in the Context of Lifestyle Medicine

Monday, June 11
1:15PM - 2:15PM

Robert Kushner, MD, MS
Northwestern University Feinberg School of Medicine
Professor of Medicine, Director of the Center for Lifestyle Medicine

Robert Kushner is Professor of Medicine at Northwestern University Feinberg School of Medicine, and Director of the Center for Lifestyle Medicine in Chicago, IL, USA. After finishing a residency in Internal Medicine at Northwestern University, he went on to complete a post-graduate fellowship in Clinical Nutrition and earned a Masters degree in Clinical Nutrition and Nutritional Biology from the University of Chicago. Dr Kushner is past-President of The Obesity Society (TOS), the American Society for Parenteral and Enteral Nutrition (ASPEN), the American Board of Physician Nutrition Specialists (ABPNS), immediate past-Chair of the American Board of Obesity Medicine (ABOM), and Co-Editor of Current Obesity Reports. He was recently awarded the ‘2016 Clinician-of-the-Year Award’ by The Obesity Society.

Medical Student Mental Health: Challenges and Opportunities

Tuesday, June 12
11:30AM - 12:30PM

Stuart Slavin, MD, MEd
Saint Louis University School of Medicine
Assoc. Dean for Curriculum, Prof. of Pediatrics

Stuart Slavin, MD, MEd is Associate Dean for Curriculum and Professor of Pediatrics at Saint Louis University School of Medicine.

A graduate of Saint Louis University School of Medicine, Dr. Slavin completed his residency training in pediatrics at UCLA and then served as a faculty member there for 17 years before returning to St. Louis in 2004. In addition to his administrative duties at Saint Louis University, Dr. Slavin teaches actively in the undergraduate medical curriculum and serves as director of four medical school courses. He has led significant efforts to improve the mental health and well-being of medical students at SLU and has recently expanded his work to residents, college students, and high school students.
Distinguished Career Award for Excellence in Teaching and Educational Scholarship

This award recognizes an IAMSE member who has a distinguished record of educational scholarship, including educational research and dissemination of scholarly approaches to teaching and education. Candidates should be Professor, Associate Professor, or equivalent rank, or have demonstrated greater than 10 years of educational scholarship. Additionally, candidates must have a significant record of engagement within IAMSE. Award recipients are selected based on the impact, ingenuity, and longevity of educational scholarship and their records of publications, presentations, and other forms of dissemination of educational scholarship. The Educational Scholarship 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.

2018 Award Winner

Nicole Woods, PhD
University of Toronto
Associate Director of the Wilson Centre

Nicole N. Woods, PhD is Associate Director of the Wilson Centre, University of Toronto at University Health Network. Dr. Woods joined the University of Toronto in 2006 and leads a successful program of research in health professions education. Dr. Woods’ laboratory-based research program uses experimental methods and principles derived from cognitive psychology to advance theory and practice in health professions education. The goal of her work has been to improve the education and training of health professionals by developing and testing models of knowledge acquisition and expertise development and translating these models into tools and techniques for education. Over the course of 15 years, Dr. Woods has led numerous studies of memory and decision-making that have explored the impact of biomedical knowledge on clinical reasoning. Although much of her work focuses on the early stages of expert development and is most relevant to undergraduate medical education, her research has significant implications for education across the developmental continuum and for a variety of health disciplines. In addition to supervising graduate students and working with medical educators, Dr. Woods is also Associate Professor in the Department of Family and Community Medicine and was recently appointed the inaugural Scientific Director of the UHN Research Institute for Healthcare Education.
Early Career Award for Excellence in Teaching and Innovation

This annual award honors an IAMSE member who has made significant innovations to the field in the short time they have focused their careers toward enhancing teaching, learning and assessment. Candidates for this award will be Assistant Professor or equivalent rank, or have demonstrated less than 10 years of educational scholarship. An award recipient will have a record of excellence in teaching at his/her institution and possess a record of engagement within IAMSE. It is recognized that, while the successful nominee will have a proven track record of innovating and helping advance the art of teaching, s/he may not yet have achieved significant accomplishments in scholarship. The Educational Scholarship 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.

2018 Award Winner

David Harris, PhD
University of Central Florida
Associate Professor of Physiology

David received his PhD in physiology from Temple University's School of Medicine in 2004. Afterwards, he did a post doc at Thomas Jefferson University's Center for Translational Medicine in heart failure and hypertension research. In 2008, he joined Drexel University College of Medicine as course director of medical physiology in the Department of Pharmacology and Physiology. Three years later, he moved away from his home area of Philadelphia and accepted a founding faculty medical educator position at the University of Central Florida (UCF) College of Medicine in 2011. During his time at UCF, he has been able to develop his scholarly interests, which include active learning pedagogies and the use of high fidelity patient simulation with pre-clerkship medical students. He has published articles in Advances in Physiology Education (Advances), Medical Science Educator, and MedEd Portal and has presented numerous educational posters, workshops, and focus sessions at IAMSE annual meetings. He has been active nationally by serving on American Physiology Society (APS) committees, serving as Associate Editor of Advances, and serving on the leadership team of the Aquifer Sciences (formerly MedU) to develop a national curriculum for preventing harm through basic science knowledge. He has also won numerous awards such as the APS New Investigator Award, the APS Teaching Career Enhancement Award, and the UCF Pre-clinical Innovative Teaching Award. He enjoys spending time with his wife Renata and daughters Isabella and Alicia, who are his biggest accomplishment and volunteering to teach English as a Second Language.
General Assembly & Business Meeting Agenda

Business Meeting Agenda

Welcome: Gregory Smith

President’s Address: Richard Vari
  • Recognition of Outgoing Board Members
  • Installation of Incoming Members of the Board of Directors
  • Outcomes of the Annual Board Meeting

American Association of Osteopathic Colleges of Medicine: Luke Mortensen

Election of Members for the Nominating Committee: Gregory Smith


Standing Committee Updates: Richard Vari
  • Executive Committee
  • Professional Development Committee
  • Membership Committee
    • Recognition of 5, 10, 15 & 20 Year Members
  • CAMSE
  • Organizational Development Committee
  • Publications Committee
    • Public Affairs
  • Professional Development Committee
  • Educational Scholarship
  • Site Selection Committee
  • Student Professional Development Committee
  • Web Seminar Committee

Report from the Editor-in-Chief and Outstanding Reviewer Award 2018: Peter de Jong

Upcoming Association Meetings
  • 2019, James Pickering, Program Chair
  • 2020, IAMSE in Asia, Neil Osheroff, Program Chair

Membership Forum
Thank you to all who helped make the 2018 IAMSE meeting a huge success!

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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.
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Kaplan Medical, a division of Kaplan Inc has been helping health care professionals and health care students reach their educational and professional pursuits for nearly 40 years. As the most trusted name in the test prep, Kaplan Medical offers the most comprehensive and customized preparation for the professional licensing exams for physicians, dentists, and other healthcare workers. Kaplan Medical is the standard of excellence in the preparation for the health profession licensing exams.

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Cardionics was founded by the late Dr. Abe Ravin, M.D., FACC in 1969. Dr. Ravin was a cardiologist and professor of clinical medicine at the University of Colorado in Denver. Dr. Ravin developed the first heart sound simulator to assist his students in learning to identify and differentiate normal and abnormal cardiac and pulmonary sounds. The American College of Cardiology acknowledged Dr. Ravin’s contribution with the distinguished Gifted Teacher Award.

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Upcoming Events

IAMSE 2019
June 8-11, 2019
Roanoke, Virginia, U.S.A.

IAMSE in Asia
February 28, 2020
Kuala Lumpur, Malaysia

IAMSE 2020
June, 2020
Denver, Colorado, U.S.A.