



22ND ANNUAL IAMSE MEETING

INTEGRATING NUTRITION AND WELLNESS
EDUCATION IN TEACHING THE HEALTH SCIENCES

JUNE 9 - 12, 2018
GREEN VALLEY RANCH
LAS VEGAS, NV, USA



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

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NOTES

WELCOME LETTER



Richard Vari

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



NOTES

This image shows a full page of blank, lined paper. It features approximately 28 horizontal blue lines spaced evenly across the page, typical of standard notebook paper. The lines are thin and light blue, set against a plain white background. There are no margins, text, or other markings on the page.

FRIDAY, JUNE 8, 2018

8:00AM - 9:00AM	Registration for ESME Participants	Grand Ballroom Foyer
9:00AM - 5:30PM	ESME (Closed Session)	El Viento III
8:30AM - 5:00PM	IAMSE Board of Directors Meeting (Closed Session)	El Viento II
12:00PM - 1:00PM	IAMSE Board Lunch (Closed Session)	El Viento II
12:00PM - 1:00PM	ESME Lunch (Closed Session)	El Viento III
6:00PM - 7:30PM	IAMSE Board Dinner (Closed Session)	El Viento II



NOTES

SATURDAY, JUNE 9, 2018

7:00AM - 6:30PM	Registration Desk Open	Grand Ballroom Foyer
7:30AM - 8:30AM	Breakfast (<i>On Your Own</i>)	
8:30AM - 3:15PM	All-Day Faculty Development Courses (Additional Fee)	
	Integrate Now: Evidence-Based Tools to Advance the Cognitive Integration of Basic and Clinical Sciences <i>Michael Dell, Leslie Fall, Tracy Fulton, David Harris, James Nixon, Ann Poznanski, Brian Wilcox, Amy Wilson-Delfosse</i>	Del Mar I
	Basics of TBL in a Day <i>Hugh Clements-Jewery, Abbas Hyderi, Amy Lin</i>	Del Mar II
8:30AM - 11:30AM	Pre-Conference Workshops (Additional Fee)	
	An Introduction to Game-Based Teaching & Learning: A Hands on Workshop <i>Reid Adams, Eric Bauman, David Pederson</i>	La Sirena III
	An Introductory Guide for Introducing Lifestyle Medicine in Undergraduate Medical Curriculum <i>Denise Kay, Magdalena Pasarica</i>	El Viento IV
	Introduction to the Medical Science Educator Journal and Basic Reviewing Tips <i>Mark Andrews, Sandy Cook, Peter de Jong, James Pickering</i>	Del Fuego
	What's My Style? A Framework for Enhancing Leadership Skills in Medical Education <i>Chris Burns, Stephanie Wragg</i>	La Sirena I
10:00AM - 10:15AM	Coffee Break	Grand Ballroom Foyer
11:30AM - 12:15PM	Lunch (<i>On Your Own</i>)	

SATURDAY, JUNE 9, 2018 (CONT.)

12:15PM - 3:15PM	Pre-Conference Workshops (Additional Fee)	
	Expanding Your Horizons Beyond Your Current Academic Unit: What's Next on Your Leadership Pathway <i>Maryellen Gusic, Wendy Hobson-Rohrer</i>	La Sirena III
	Educational Research Manuscript Reviews - The Good, the Bad, and the Ugly <i>Mark Andrews, Sandy Cook, Peter de Jong, James Pickering</i>	Del Fuego
	Developing Cases in Your Curriculum: How to Write Engaging Cases and Support Faculty Development <i>Christine Hutak, Donna-Marie McMahon, Swapan K. Nath, Todd Nolan, Naunihal Zaveri</i>	La Sirena I
	Using Mind-Body Physiology to Gain Acceptance for Wellness/Resiliency Programs <i>Michael Lumpkin, Emily Ratner</i>	El Viento IV
12:15PM - 3:15PM	Student Workshop Sponsored by ScholarRx	
	New Educator and Scholar Training (NEST): A Professional Development Workshop for Students <i>Alice Fornari, Elisabeth Schlegel</i>	La Sirena II
1:30PM - 1:45PM	Coffee Break	Grand Ballroom Foyer
3:15PM - 3:30PM	Coffee Break	Grand Ballroom Foyer
3:30PM - 5:30PM	IAMSE Fellowship (Closed Session)	El Viento IV
3:30PM - 5:30PM	Student Reception	Del Sol
6:00PM - 8:00PM	Opening Ceremony	Grand Ballroom I +II
8:00PM - 9:15PM	Opening Reception	Opium Terrace

SUNDAY, JUNE 10, 2018

7:00AM - 5:00PM	Registration Desk Open	Grand Ballroom Foyer
7:15AM - 8:30AM	Breakfast and Roundtable Discussions	Grand Ballroom I + II
8:15AM - 8:30AM	Welcome <i>Richard Vari</i>	Grand Ballroom I + II
8:30AM - 9:30AM	Plenary Session Fostering Well-Being in the Learning Environment: The Imperative for Medical Science Educators <i>Aviad Haramati</i>	Grand Ballroom I + II
9:30AM - 9:45AM	IAMSE Finnerty Award Presentation	Grand Ballroom I + II
9:45AM - 10:00AM	Coffee Break with Exhibitors	Grand Ballroom Foyer
10:00AM - 11:30AM	Focus Sessions Practice Makes Perfect: How to Engage Medical Students in Professionalism Discussions <i>Shawna McCafferty, Carol Nichols</i> Making the Transition from Curricular Evaluations to Medical Education Research <i>Marta Ambrozewicz, Carrie Elzie</i> A Collaborative Approach to Helping Students to Find Personal & Professional Balance <i>Saroj Misra, Carrie Nazaroff, Rebecca Pratt</i> Teaching Anatomy Using Anatomic Body Painting <i>Cindy Bennett</i> Gamifying Learning <i>Fanny Huijbregts-Verheyden, Carolien Kamphuis</i> Using Competency-Based Assessments to Monitor and Coach the Professional Growth and Development of Pre-Clerkship Medical Students <i>Neil Osheroﬀ, Cathleen Pettepher</i>	Del Sol Del Mar I La Cascada I Del Fuego Del Mar II La Sirena IV

SUNDAY, JUNE 10, 2018 (CONT.)

10:00AM - 11:30AM	Focus Sessions (cont.)	
	Promoting Active Student Participation in Medical School Curriculum Design and Development <i>Yun Chu, Tao Le, Jessica O'Neil, Frazier Stevenson</i>	El Viento IV
	Effective Evaluation of Technology - Enhance Learning Resources in Healthcare Education <i>James Pickering</i>	El Viento I
	You Submitted an Abstract, You've Presented it at a Conference, Now What? <i>IAMSE Student Professional Development Committee</i>	La Cascada II
	Reevaluating Biochemistry and Nutrition Education Through Opinions of Clinical Relevance <i>Emily Hays, Jake Levine, Tracey Weiler</i>	La Cascada III
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? <i>Hanno Pijl</i>	Grand Ballroom I + II
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

SUNDAY, JUNE 10, 2018 (CONT.)

3:30PM - 4:30PM

Oral Presentations

Session 1 - Assessment

(Moderated by Kathryn Huggett)

La Cascada III

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)

Del Mar II

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 (Moderated by Michiel Schokking)

La Sirena IV

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 (Moderated by Mary Dereski)

Del Sol

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 (Moderated by Anna Edmondson)

Del Mar I

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



SUNDAY, JUNE 10, 2018 (CONT.)

3:30PM - 4:30PM

Oral Presentations (cont.)

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

Del Mar I

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)

La Cascada I

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)

La Cascada II

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

SUNDAY, JUNE 10, 2018 (CONT.)

3:30PM - 4:30PM

Oral Presentations (cont.)

Session 9 - Other (cont.)

(Moderated by John Kappenburg)

La Cascada II

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)

La Sirena III

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



NOTES

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 <i>Christina Puchalski</i>	Grand Ballroom I + II
9:45AM - 10:00AM	IAMSE in Roanoke Presentation <i>James Pickering</i>	Grand Ballroom I + II
10:00AM - 10:15AM	IAMSE in Asia Presentation <i>Neil Osherooff</i>	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 <i>Peter de Jong, James Pickering, Marlies Reinders</i>	Del Sol
	Assessing Clinical Reasoning and Evaluation of Evidence-Based Research in a 4th Year Clerkship <i>Amanda Albright, Gina Fernandez, Leah Montalbano, Roshini Pinto-Powell</i>	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? <i>Peter Anderson, Robert Carroll, Tracy Fulton, Janet Lindsley, Kathryn Moore, Gary Rosenfeld</i>	Del Mar II
	What Good is a Great Innovation if It's Not Shared? Publishing in MedEdPortal and Academic Medicine <i>Jennifer Campi, Grace Huang, Sara Hunt, Liza Karlin, David Sklar</i>	Del Fuego



MONDAY, JUNE 11, 2018 (CONT.)

10:30AM - 12:00PM

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 La Cascada I

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 La Cascada II

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

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 Del Mar I

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

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

12:00PM - 1:15PM

Networking Lunch

Grand Ballroom I + II

1:15PM - 2:15PM

Plenary Session

Teaching Nutrition in the Context of Lifestyle Medicine
Robert Kushner Grand Ballroom I + II

MONDAY, JUNE 11, 2018 (CONT.)

2:15PM - 2:30PM	Coffee Break with Exhibitors	Grand Ballroom Foyer
2:30PM - 3:45PM	Poster Viewing	Grand Ballroom I + II & La Sirena I + II
3:00PM - 3:45PM	ESME (Closed Session)	El Viento III
3:45PM - 5:15PM	Focus Sessions	
	Developing a Model to Facilitate Small Group Learning with Limited Faculty Numbers <i>Monica Bailey</i>	La Cascada I
	Stress and Distress in Basic Science Faculty: Finding a Path Forward <i>Aviad Haramati, Stuart Slavin</i>	La Cascada II
	Mapping and Competencies and Integration, Oh My! The Kansas Curricular Change Experience <i>Giulia Bonaminio, Gary Doolittle, Joe Fontes</i>	Del Mar II
	IAMSE Nutrition Advocates: Defining Our Role Within a Broader Nutrition Community of Practice <i>Janet Lindsley, Kathryn Thompson</i>	El Viento III
	Enhancing Student Preparation Through the Generation of Effective Pre-Class Materials <i>Andrew Binks</i>	Del Fuego
	Reflective Writing in Clerkships: Viewing Patients Through a Basic Science Lens Using the Kolb Learning Cycle <i>Bonny Dickinson, Kristine Gibson, Lisa Graves, Jeffrey Greene, Kristi VanDerKolk</i>	Del Mar I
	Issues Surrounding Assessment of EPAs Using Standardized Patients and Other Cases in an OSCE Format <i>Beth Ipock, Heidi Lane</i>	El Viento IV



MONDAY, JUNE 11, 2018 (CONT.)

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 <i>Erika Allen, Melanie Dunbar, Molly Johannessen, Christopher Kordick, Stephanie McKenney Groff</i>	La Cascada I
	Addressing Active Learning Implementation Challenges <i>Alice Fornari, Amber Heck, Kathryn Huggett</i>	La Cascada II
	Pearls and Pitfalls in the Pursuit of Cognitive Integration <i>Maria Mylopoulos, Nicole Woods</i>	Del Mar I
	Crossing the Emotional Intelligence Threshold: From Periphery to Practice <i>Frank Bailey, Ling Cao, Celia Mantovani, Douglas Spicer, Kathryn Thompson</i>	La Sirena III
	Teaching Diagnostic Error Prevention Skills to Medical Students, Residents, and Practicing Physicians <i>Dan Mayer</i>	La Sirena II
	Transform & Roll Out! Strategies for Schools Undergoing Curriculum Redesign <i>Eileen Cowan, Kirstin Nackers, Raquel Tatar</i>	La Sirena IV
	Use of the Integrative Virtual Family and Micro-Learning Concepts to Teach Nutrition to Medical Students <i>Brielle Ashley, Cynthia Cadieux, Carrie Elzie</i>	Del Fuego
	The Entrustment Conundrum: Designing a Comprehensive Assessment Strategy that Reliably Monitors the Progression of Entrustment in our Medical Students <i>Pamela Baker, Stephen Baxter, Amy Guiot, Laurah Lukin, Robert Neel, Sarah Ronan-Bentle, Michael Sostok, Cijy Elizabeth Sunny</i>	Del Mar II



TUESDAY, JUNE 12, 2018 (CONT.)

8:30AM - 10:00AM

Focus Sessions (cont.)

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

Del Sol

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

La Cascada III

10:00AM - 10:15AM

Coffee Break with Exhibitors

Grand Ballroom Foyer

10:15AM - 11:15AM

Oral Presentations

Session 1 - Assessment
(Moderated by Amina Sadik)

La Cascada I

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)

Del Sol

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

TUESDAY, JUNE 12, 2018 (CONT.)

10:15AM - 11:15AM

Oral Presentations (cont.)

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

Del Sol

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)

Del Mar I

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 Pathphysiology of Disease Provides Meaningful Learning Opportunities
Margaret Maimone

Session 4 - Curriculum (Moderated by Elizabeth McClain)

La Cascada III

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)

La Cascada III

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)

Del Fuego

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)

Del Mar II

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 <i>Maureen McEnry</i>)	Del Mar II
	Being Well at the University of Louisville: A Comprehensive Wellness Initiative Promotes Health, Resilience, and Compassion in Medical Students <i>Ann Shaw</i>	
	Assessing Metacognitive Regulation Skills in Students in a Professional Program <i>Cortny Williams</i>	
	Session 7 - Technology & Innovation (Moderated by <i>Richard Van Eck</i>)	La Sirena IV
	The Virtual Microscopy Database - Sharing Digital Microscope Images for Research and Education <i>Michael Hortsch</i>	
	Knowledge and Perceptions of Ultrasound in a Clinical Anatomy Course for Allied Healthcare Graduate Students <i>Saskia Richter</i>	
	Innovative Use of Audience Response System to Assess Teaching Methods and Implement Rapid Change <i>Mari Hopper</i>	
11:15AM - 11:30AM	Coffee Break	Grand Ballroom Foyer
11:30AM - 12:30PM	Plenary Session	
	Medical Student Mental Health: Challenges and Opportunities <i>Stuart Slavin</i>	Grand Ballroom I + II
12:30PM - 1:00PM	Awards and Closing Ceremony	Grand Ballroom I + II
1:15PM - 5:45PM	ESME (Closed Session)	El Viento III
1:30PM - 1:45PM	Buses Load for Grand Extravaganza (Ticket required)	
1:45PM - 8:30PM	Grand Extravaganza (Hoover Dam & Dinner)	



NOTES

This image shows a full page of blank, lined paper. It features approximately 28 horizontal blue lines spaced evenly across the page, typical of standard notebook paper. The lines are thin and light blue, set against a plain white background. There are no margins, text, or other markings on the page.



Aviad Haramati

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.

PLENARY SPEAKER



Hanno Pijl

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.



Christina Puchalski

Connecting to Our Call: A Profession of Service and Love

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

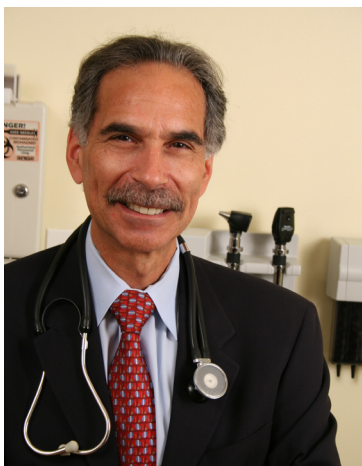
Christina Puchalski, MD, MS, FACP, FAAHPM
George Washington Institute for Spirituality and Health
FAAHPM Prof, G W Medicine and Health Science Director,
G W Institute for Spirituality and Health

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.



Robert Kushner

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.

Dr Kushner has authored over 215 original articles, reviews, books and book chapters covering medical nutrition, medical nutrition education, and obesity, and is an internationally recognised expert on the care of patients who are overweight or obese. He is author/editor of multiple books including Dr Kushner's Personality Type Diet (St. Martin's Griffin Press, 2003; iuniverse, 2008), Fitness Unleashed (Three Rivers Press, 2006), Counseling Overweight Adults: The Lifestyle Patterns Approach and Tool Kit (Academy of Nutrition and Dietetics, 2009) and editor of the American Medical Association's (AMA) Assessment and Management of Adult Obesity: A Primer for Physicians (2003). Current books include Practical Manual of Clinical Obesity (Wiley-Blackwell, 2013), Treatment of the Obese Patient, 2nd Edition (Springer, 2014), Nutrition and Bariatric Surgery (CRC Press, 2015) and Lifestyle Medicine: A Manual for Clinical Practice (Springer, 2016).



Stuart Slavin

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.



Nicole Woods

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.



David Harris

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.



NOTES

This image shows a full page of blank, lined paper. It features approximately 28 horizontal blue lines spaced evenly across the page, typical of standard notebook paper. The lines are thin and light blue, set against a plain white background. There is no handwriting or other markings on the page.

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

Annual Financial Report: Neil Osheroff

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



COMMITTEE LISTING

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

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Amina Sadik

Greg Smith

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Kathryn Thompson

Richard Van Eck

Tracy Yarbrough

Program Committee Ex Officio

Peter de Jong (*Review Committee Chair*)

Kathryn Huggett (*2017 Program Chair*)

James Pickering (*2019 Program Chair*)

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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ProgressIQ is a software as a service that brings student performance data together into a unified, secure, intuitive and modern web interface. Advisors and deans are empowered through alerts, notes, and integrated information to catch students before they fail. ProgressIQ works with existing systems to assimilate preadmission, preclinical, national licensing exam, rotation, learning outcome, and residency selection data. Effective, reliable, and affordable: ProgressIQ puts everything together.



ScholarRx (ScholarRx.com) is a mission-based organization of passionate medical educators, designers, and technologists dedicated to building a healthier world through accessible, sustainable medical education. ScholarRx offers a revolutionary, low-cost, multi-competency curriculum system featuring interconnectable "learning bricks." Through USMLE-Rx and the First Aid text series, ScholarRx provides high-stakes exam preparation for over 150,000 students and physicians each year.

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Supporter



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.

Today and into the future, Cardionics' approach continues to set the pace for auscultation products and services through the development of unique, interactive, and experiential systems that integrate seamlessly into classroom, clinical, and tele-health applications.



For more than 25 years, Primal Pictures' pioneering and award-winning multimedia resources have been used worldwide to teach and learn human anatomy. Through our engaging, real-life reconstruction of the human body, we seamlessly deliver the most accurate, relevant, and accessible 3D anatomy resources. Primal Pictures offers proven and effective web-based, continually updated solutions for use in healthcare education and practice. With a range of products and packages, Primal Pictures has a solution that's right for your institution.

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TOUCH OF LIFE



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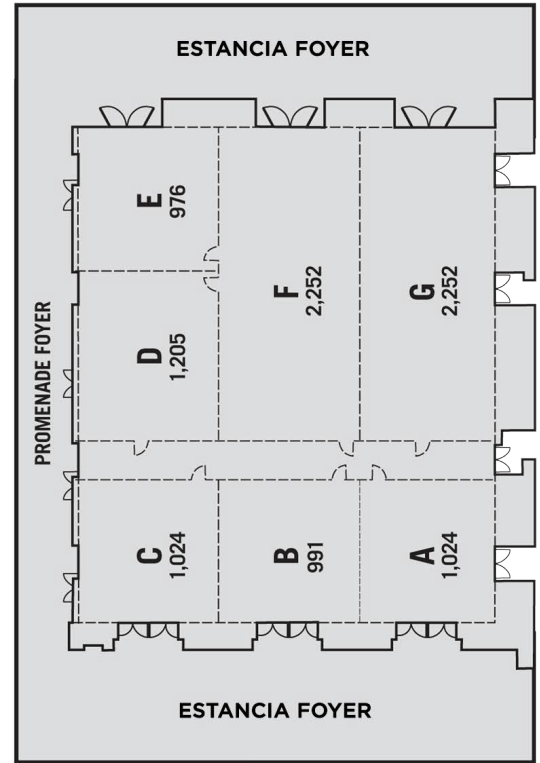
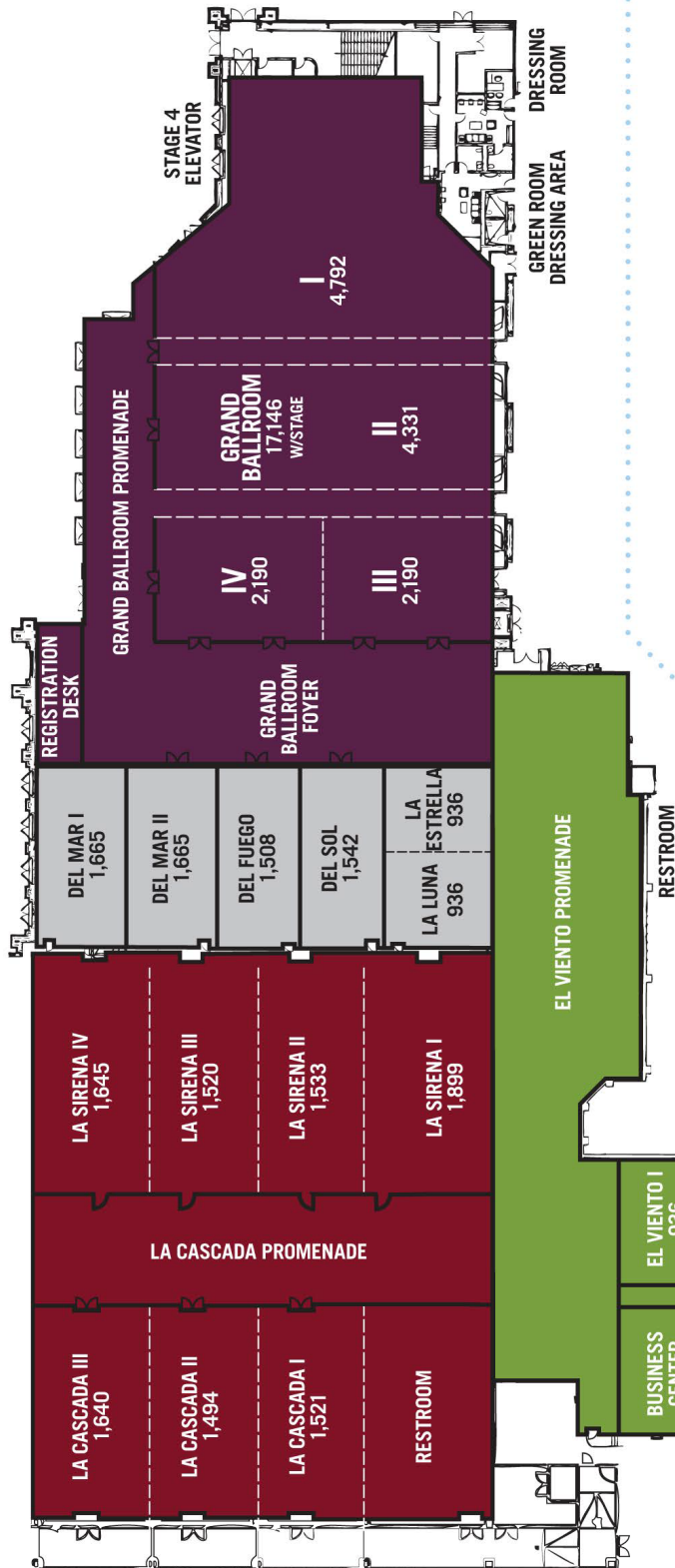
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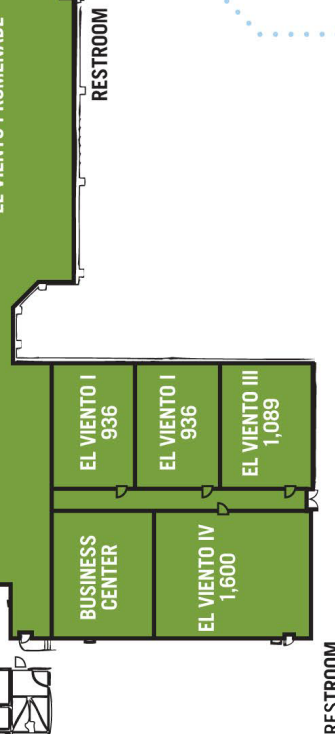
Rachel Hewett

Exhibit Manager

Main Banquet Area Lobby Level



Estancia Ballroom Level 2



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.

