

# IAMSE 2025



## *Integrating Generations: Are We Ready for the Next 25 Years of Health Professions Education?*

June 14-17, 2025  
Calgary TELUS Convention Centre  
Calgary, Alberta, Canada  
[www.IAMSEConference.org](http://www.IAMSEConference.org)



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# A Note From 2025 Program Chair, Uzoma “Samuel” Ikonne

Hello,

On behalf of the International Association of Medical Science Educators (IAMSE) and as Chair of the Annual Program Committee, I am pleased to welcome you to the 29th Annual Conference in Calgary, Alberta, Canada. Calgary is known for being a vibrant city with a small-town feel, and it is ranked as one of the most liveable cities in the world. There is so much to enjoy and see in Calgary that I hope you explore and embrace the city's rich culture as you participate in the Conference. Further, Calgary is only 90 minutes away from Banff National Park, and I hope you take the time to explore.



Each year, the IAMSE Annual Conference brings colleagues and friends together for an opportunity to connect with and learn from one another. It's designed to meet the needs of health professions educators seeking exceptional training and opportunities for collaboration and networking with an international network of global peers. The 2025 theme is "Integrating Generations: Are We Ready for the Next 25 Years of Health Professions Education?" This highlights IAMSE's mission to enable and support health professions educators to create, promote, and integrate the latest advancements, methodologies, and technologies in education. This includes fostering professional development and continuous learning, incorporating technology, adopting innovative and evidence-based teaching practices, and interdisciplinary and collaborative learning, and implementing student-centered approaches.

This year's program brings together outstanding plenary speakers and pre-conference, focus, oral and poster sessions that will both inform and challenge current perspectives. I am excited to welcome Teresa Chan, MD (Toronto Metropolitan University), William Bynum, MD (Duke University), Patricia O'Sullivan, EdD, MS (University of California San Francisco), and Yvonne Steinert, PhD (McGill University) as our plenary speakers. I am impressed with our Professional Development Workshops that empower faculty to meet the needs of our future learners and healthcare practice

Together with the 2025 Program Planning Committee, IAMSE Admin Team, Board of Directors, and Executive Committee, we welcome you to the 29th Annual Conference of IAMSE. Over the next three days, we hope that you develop meaningful connections with new and existing IAMSE colleagues and participate in conversations and sessions that will motivate you to get ready for the next 25 years of health professions education.

Sincerely,  
Uzoma "Samuel" Ikonne, PhD  
Chair, IAMSE 2025 Program Committee



# Conference at a Glance

*All sessions are listed in Mountain Daylight Time*

## ***Friday, June 13, 2025***

Board of Directors Meeting (Closed Session)		8:00 AM - 5:00 PM
<b>Foundations in Health Professions Education (Foundations)</b> (Pre-Registration Required)	Convention Centre - TELUS 103	9:00 AM - 5:30 PM
Coffee Break (Foundations and BoD)	Convention Centre	10:00 AM - 10:15 AM
Foundations Lunch (Closed Session)	Convention Centre - TELUS 103	12:00 PM - 1:00 PM
Board Lunch (Closed Session)	Convention Centre	12:00 PM - 1:00 PM
Coffee Break (Foundations and BoD)	Convention Centre	3:00 PM - 3:15 PM

## ***Saturday, June 14, 2025***

*Saturday sessions are in varied locations.*

Registration Desk Open	University of Calgary - HRIC Atrium	7:00 AM - 6:30 PM
<b>Group 1</b> Bus Boarding for PDWS and Foundations	Marriott	7:30 AM
<b>Foundations</b> (Pre-Registration Required)	Convention Centre - TELUS 103	8:00 AM - 11:00 AM
<b>Professional Development Workshops (PDWS)</b> (Pre-Registration Required)	University of Calgary - Breakout Rooms	8:00 AM - 11:00 AM
Coffee Break	University of Calgary - HRIC Atrium	9:30 AM - 9:45 AM
Lunch for PDWS Workshop Attendees ONLY	University of Calgary General Session	11:00 AM - 12:30 PM
<b>Group 2</b> Bus Boarding for PDWS and Foundations	Marriott	12:00 PM
<b>IM-REACH</b> (Pre-Registration Required)	University of Calgary - Breakout Room 1	12:30 PM - 3:30 PM
<b>Professional Development Workshops (PDWS)</b> (Pre-Registration Required)	University of Calgary - Breakout Rooms	12:30 PM - 3:30 PM
Registration Desk Open	Hyatt	1:00 PM - 6:00 PM
Coffee Break	University of Calgary - HRIC Atrium	1:30 PM - 1:45 PM
Student Reception hosted by the IAMSE Student Professional Development Committee	Hyatt	3:30 PM - 5:30 PM
Break		5:30 PM - 6:00 PM
Exhibitor Setup	Convention Centre	6:00 PM - 9:00 PM
Opening Ceremony	Hyatt	6:00 PM - 7:15 PM
Opening Reception	Hyatt	7:15 PM - 9:00 PM

## ***Sunday, June 15, 2025***

Registration Desk Open	Convention Centre	7:00 AM - 5:00 PM
Roundtable Discussions	Convention Centre	7:00 AM - 8:00 AM
Break		8:00 AM - 8:15 AM
Welcome	Convention Centre - Exhibition Hall D & Annex	8:15 AM - 8:30 AM
<b>Plenary - Teresa Chan</b> <i>Blue Skies Ahead: Realizing the Possibilities of Medical Education</i>	Convention Centre - Exhibition Hall D & Annex	8:30 AM - 9:30 AM
Poster Setup	Convention Centre - Exhibition Hall C	9:30 AM - 5:00 PM
Coffee Break and Networking with Exhibitors	Convention Centre	9:30 AM - 9:45 AM
<b>Focus Sessions</b>	Convention Centre - Various Rooms	9:45 AM - 11:15 AM
Break		11:15 AM - 11:30 AM
Networking Lunch	Convention Centre - Exhibition Hall D & Annex	11:30 AM - 12:45 PM
New Member Lunch	Convention Centre - Glen 208-209	11:30 AM - 12:45 PM
<b>Plenary - Will Bynum</b> <i>The Transformative Power of Shame in Medical Education: Challenges, Opportunities, and Imperatives</i>	Convention Centre - Exhibition Hall D & Annex	1:00 PM - 2:00 PM
Break		2:00 PM - 2:15 PM
Membership Recognition & Business Meeting	Convention Centre - Exhibition Hall D & Annex	2:15 PM - 3:45 PM
Coffee Break and Networking with Exhibitors	Convention Centre	3:45 PM - 4:00 PM
<b>Oral Presentations</b>	Convention Centre - Various Rooms	4:00 PM - 5:15 PM
Break		5:15 PM - 5:30 PM
<b>Foundations</b> (Pre-Registration Required)	Convention Centre - TELUS 104	5:00 PM - 5:45 PM
<b>Poster &amp; Exhibitor Reception</b> (Even Numbered Posters to Present)	Convention Centre - Exhibition Hall C	5:30 PM - 7:00 PM

## ***Monday, June 16, 2025***

Registration Desk Open	Convention Centre	7:00 AM - 4:30 PM
Committee Volunteer Appreciation Breakfast	Convention Centre - Exhibition Hall D & Annex	7:00 AM - 8:00 AM
Break		8:00 AM - 8:15 AM
Housekeeping Announcements	Convention Centre - Exhibition Hall D & Annex	8:15 AM - 8:30 AM
<b>Plenary - Patricia O'Sullivan</b> <i>Be in a Health Professions Scholarly Commuter Community</i>	Convention Centre - Exhibition Hall D & Annex	8:30 AM - 9:30 AM
IAMSE 2026 Conference Presentation	Convention Centre - Exhibition Hall D & Annex	9:30 AM - 9:45 AM
IAMSE 2025 Virtual Forum Presentation	Convention Centre - Exhibition Hall D & Annex	9:45 AM - 10:00 AM
Coffee Break and Networking with Exhibitors	Convention Centre	10:00 AM - 10:30 AM
<b>Focus Sessions</b>	Convention Centre - Various Rooms	10:30 AM - 12:00 PM
Communities of Growth (CoG) Lunches	Convention Centre - Various Rooms	12:00 PM - 1:30 PM
Networking Lunch	Convention Centre - Exhibition Hall D & Annex	12:00 PM - 1:30 PM
Break		1:00 PM - 1:15 PM
<b>Oral Presentations</b>	Convention Centre - Various Rooms	1:30 PM - 2:45 PM
Coffee Break and Networking with Exhibitors	Convention Centre	2:45 PM - 3:00 PM
<b>Focus Sessions</b>	Convention Centre - Various Rooms	3:00 PM - 4:30 PM
<b>Foundations</b> (Pre-Registration Required)	Convention Centre - TELUS 104	4:30 PM - 4:45 PM
Break		4:30 PM - 5:00 PM
<b>Exhibitor Sessions</b>		
• <b>Elsevier:</b> <i>Amplifying High-Quality Content in Healthcare Education</i>	Convention Centre - Glen 203-204	
• <b>AIBODY:</b> <i>Beyond the Textbook: Leveraging Simulation in Physiology Teaching</i>	Convention Centre - Glen 205	5:00 PM - 5:30 PM
• <b>AMBOSS:</b> <i>Practical AI Tools to Empower Medical Education: A Journey from Course Planning to Learner Mastery</i>	Convention Centre - Glen 201-202	
<b>Exhibitor Sessions</b>		
• <b>Dean Vaughn:</b> <i>Master the Language of Medicine</i>	Convention Centre - TELUS 108-109	5:30 PM - 6:00 PM
• <b>McGraw Hill</b>	Convention Centre - TELUS 101-102	
<b>Poster &amp; Exhibitor Reception</b> (Odd Numbered Posters to Present)	Convention Centre - Exhibition Hall C	6:00 PM - 7:30 PM



## ***Tuesday, June 17, 2025***

Registration Desk Open	Convention Centre	7:00 AM - 1:00 PM
Poster Tear Down	Convention Centre - Exhibition Hall C	7:00 AM - 9:00 AM
<b>Focus Sessions</b>	Convention Centre - Various Rooms	8:15 AM - 9:45 AM
Coffee Break and Networking with Exhibitors	Convention Centre	9:45 AM - 10:00 AM
<b>Oral Presentations</b>	Convention Centre - Various Rooms	10:00 AM - 11:15 AM
Coffee Break and Networking with Exhibitors	Convention Centre	11:15 AM - 11:30 AM
Exhibitor Tear Down	Convention Centre	11:30 AM - 1:00 PM
<b>Plenary - Yvonne Steinert</b> <i>Faculty Development in the Medical Sciences: Preparing for the Future</i>	Convention Centre - Exhibition Hall D & Annex	11:30 AM - 12:30 PM
Awards and Closing Ceremony	Convention Centre - Exhibition Hall D & Annex	12:30 PM - 1:00 PM
Foundations Working Lunch (Pre-Registration Required)	Convention Centre - TELUS 104	1:15 PM - 2:15 PM
Bus Boarding for Grand Extravaganza (Banff)	Hyatt	1:30 PM
Bus Boarding from Grand Extravaganza (Banff)	Banff	7:30 PM
Return to Hotel	Hyatt	9:30 PM



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# Oral Presentations

*Sunday, June 15, 2025*

## Oral Block 1: Assessment

Moderator: Kathryn Veazey

### **Presentation 1: Using Learning Analytics to Identify Examples of Productive Failure in One Residency Program**

Author(s): Kimberly Papp, Shelley Ross

Speaker: Kimberly Papp

### **Presentation 2: From MCAT to USMLE: How Familial Background Shapes Medical Student Success**

Author(s): Iren Gharibyan

Speaker: Iren Gharibyan

### **Presentation 3: Exit Tickets as Assessment:**

#### **Understand If Students Caught What You Taught**

Author(s): Elle Fasteland, Elizabeth Bockman Eckberg, Erica Levine, Amy Greminger, Aubie Shaw, Nathan Berlesten

Speaker: Erica Levine

### **Presentation 4: Excellence in Ethical Practice:**

#### **Preparing Undergraduate Medical Students for the Entrustable Professional Activities (EPAs) in Bioethics**

Author(s): Russell Franco D'Souza, Krishna Mohan Surapaneni

Speaker: Russell Franco D'Souza

## Oral Block 2: Curriculum

Moderator: Gabor Szalai

### **Presentation 1: The "State-of-the-Art" of Statistical Education and Assessment in Medicine: Multiple Choice Still Going Strong**

Author(s): Issa AbuJeries, Stephanie Stroever

Speaker: Issa AbuJeries

### **Presentation 2: Does Pre-Medical Anatomy Coursework Confer an Advantage in Medical School?**

Author(s): Joshua Khorsandi, Guadalupe Vazquez-Perez, Aftab Merchant, Edward Simanton

Speaker: Joshua Khorsandi

### **Presentation 3: Boosting Scientific Communication Abilities in Medical Bioscientist Students Using Real-World Scenarios**

Author(s): Katherine Martinez Carmona, Belinda Carrión, Alejandra Perez Silva

Speaker: Katherine Martinez Carmona

### **Presentation 4: Integrating A Health Equity Framework within a Multi-Institutional Interprofessional Curriculum**

Author(s): Anisha Turner, Tyson Pillow

Speaker: Malford Pillow



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### **Oral Block 3: Curriculum & Other**

Moderator: Jessica Jones

#### **Presentation 1: A Neurology Trainee-Led Program to Promote Internal Medicine Residents' Confidence in Assessing Neurological Patients: The Design, Implementation, and Evaluation of the BRAINs Program (Bedside Rounding Alliance for Internal Medicine & Neurology Residents)**

Author(s): Galina Gheihman, Prashanth Rajarajan, Marinos Sotiropoulos, Sarah Conway

Speaker: Alexandra Brito

#### **Presentation 2: Impact and Outcomes of Pilot Transition to Clerkship Course for Second-Year Medical Students at a Single Institution**

Author(s): Talia G. Meidan, Katherine L. De Jong, Peyton M. Harris, Addison C. Xu, Macy L. Meyer, Max W. Sadlowski, Neal R. Morgan, Vijay V. Giridhar

Speaker: Talia G. Meidan

#### **Presentation 3: Medical Students' Perceptions of Gender-Based- and Obstetric- Violence in Patient Care in Mexico**

Author(s): Manuel Angel Romero Padron, Luis Felipe Herrera Padilla, Ximena Cors Cepeda, Pilar González-Amarante

Speaker: Pilar González-Amarante

#### **Presentation 4: Student-Led Service Learning Initiative To Guide Diabetic Management in Underserved Populations in South Carolina Using a Stepwise Leadership Approach**

Author(s): Deborah Keen, Brynn Franz, Caroline Hensing, Madysen Hotchkin, Stephanie Litzenberger, Sreya Varanasi, Kristina Borglum

Speaker: Deborah Keen

### **Oral Block 4: Instructional Methods & Other**

Moderator: Samiksha Prasad

#### **Presentation 1: From the Bed to the Classroom - Patient as Teacher with Biomedical Students**

Author(s): Katherine Martinez Carmona, Belinda Carrión Alejandra Perez Silva

Speaker: Katherine Martinez Carmona

#### **Presentation 2: Gamification of Learning Microbiology in UME by Leveraging AI**

Author(s): Swapan Nath

Speaker: Swapan Nath

#### **Presentation 3: A Student-Led Resource Navigation Initiative for Individuals Experiencing Homelessness**

Author(s): Carlie Stratemann, Merrick Garner

Speaker: Merrick Garner

#### **Presentation 4: Leveraging Student Evaluations to Enhance Faculty Development: A Framework for Effective Teaching in Medical Education**

Author(s): Stephanie Seale, Cara Liebert, James R. Korndorffer Jr., Connie Gan

Speaker: Connie Gan

### **Oral Block 5: Student Support**

Moderator: Aliyah Francis

#### **Presentation 1: From LASI Scores to Step 1 Performance: Identifying Risk Factors for Medical Students**

Author(s): Abigail Schuch, Raghav Rajesh, Marissa Zhu

Speaker: Abigail Schuch

#### **Presentation 2: Stress, Burnout, and Health Perception Amongst Medical Students and the Need for Facilitation of Healthy Management Strategies**

Author(s): Grant Barber, Robert Hayes, Brianna Castro, Roohi Maknojia, Paul Zarutskie, Owen Kelly, Patrick Davis, Karen Nelson

Speaker: Grant Barber

#### **Presentation 3: Predicting Clinical Success in Surgery: The Role of Stress Resilience, Empathy, and Academic Performance**

Author(s): Sarah Kazemeini, Joshua Khorsandi, Edward Simanton

Speaker: Sarah Kazemeini

#### **Presentation 4: Evaluation of Perceived Stress and its Impact on Study Habits in Preclinical Medical Students**

Author(s): Keshab Paudel

Speaker: Keshab Paudel



### **Oral Block 6: Student Support**

Moderator: Laurence Boitet

#### **Presentation 1: Identifying Discrimination in the Medical School Interview**

Author(s): Lia Marie Dopp, Jillian Fleming, Corinne Parker, Natasha Sriraman

Speaker: Corinne Parker

#### **Presentation 2: Tracking Accessibility and Feasibility of Medical Education**

Author(s): Crystalyn R. Richard, Mohammed Khalil, Alison Hansen, Tameka Clemons

Speaker: Crystalyn Richard

#### **Presentation 3: Per My Last Email: Understanding the Communication Gap Between Faculty and Student**

Author(s): Dieudonne Saint Georges, Kyle Bauckman

Speaker: Dieudonne Saint Georges

#### **Presentation 4: Adapting to Uncertainty: The Decline of Tolerance for Ambiguity in Medical School**

Author(s): Steven Tata, Peyton Sakelaris, Daniel Levine, Edward Simanton

Speaker: Steven Tata

### **Oral Block 7: Student Support**

Moderator: Amy Greenberg

#### **Presentation 1: A House-Structured Approach to Medical School Tutoring, Advising, and Wellness**

Author(s): Chenyi Yang, Konnor Davis, Nancy Guirguis, Megan Boysen-Osborn, Lauren Stokes

Speaker: Chenyi Yang

#### **Presentation 2: Evaluating Competitiveness on USMLE Step 2 CK in the Step 1 Pass/Fail Era: Impact of Preclerkship Performance Metrics**

Author(s): Karl Aharonian, Maggie Sanders, Tal Schlesinger, Victoria Winter, Edward Simanton

Speaker: Karl Aharonian

#### **Presentation 3: Getting to 100%: Increasing Student Engagement in Course and Faculty Evaluations**

Author(s): Judith Litvin (Daniels), Karen Lin, Sophia Perrotta, Denise Salerno

Speaker: Karen Lin

#### **Presentation 4: Interview Selection Insights: EACM Components Most Valued by Program Directors**

Author(s): Garrett Wagner, Kyle Bauckman

Speaker: Garrett Wagner

### **Oral Block 8: Instructional Methods**

Moderator: Neil Osherooff

#### **Presentation 1: Validation and Utilization of a Rubric Tool to Evaluate Effectiveness of Medical School Case-Based Learning**

Author(s): Sheila Pierson, Laurel Gorman

Speaker: Sheila Pierson

#### **Presentation 2: Immersive Learning for Delivering Bad News: Combining Instructional Videos with AI Patient Actors**

Author(s): Minji Ko, Zofia Cieslak, Helena Steffens, Isabella Marchal, Roshini Pinto-Powell, Thomas Thesen

Speaker: Minji Ko

#### **Presentation 3: NEWB SIM: A Non-Simulation-Trained and Non-Subject-Matter-Expert-Led Simulation to Prepare Event Medical Teams**

Author(s): Anthony Seto, Connor Hass, Melissa Monaghan, Leo Ochieng, Candace Chan, Ali Bayrouti

Speaker: Melissa Monaghan

#### **Presentation 4: Integrating Cadaver-Based Clinical Anatomy Simulations to Enhance First Year Medical School Anatomy Education**

Author(s): Darrin Andrew McFall, Tiffany Huitt, Erica Malone

Speaker: Darrin McFall

### **Oral Block 9: Technology and Innovation & eLearning**

Moderator: Benford Mafuvadze

#### **Presentation 1: Evaluating Artificial Intelligence vs. Human Grading in Medical Student Case-Based Learning Examinations**

Author(s): Arvind Rajan, Seth McKenzie Alexander, Christina L. Shenvi  
Speaker: Arvind Rajan

#### **Presentation 2: Generative AI in Medical Education: Creating Equitable Access to Study Resources**

Author(s): Ronaé McLin, Amy Wilson-Delfosse  
Speaker: Ronaé McLin

#### **Presentation 3: The relationship Between Medical Students' Usage of ScholarRx QMAX Practice Questions and CBSE Scores**

Author(s): Erica C. Sherman, Jack I. Stromberger, Shanna E. Williams, Kristen A. Porter-Stransky  
Speaker: Emma Sherman

#### **Presentation 4: Understanding Educators' Experiences and Challenges in Adapting to Digital Transformation in Health Professions Education**

Author(s): Jyotsna Needamangalam Balaji, Krishna Mohan Surapaneni  
Speaker: Jyotsna Needamangalam Balaji

### **Oral Block 10: Technology and Innovation**

Moderator: Shelley Bhattacharya

#### **Presentation 1: eDiscussion Continued: Lessons Learned After a Year of Implementation**

Author(s): Emmett F. Matthews, Jacob A. Burke, Michael J. Herr  
Speaker: Michael Herr

#### **Presentation 2: Comparative Effectiveness of Medium Fidelity Simulation and Virtual Simulation in Enhancing Local Anesthesia Skills and Self-Efficacy in Dental Education**

Author(s): Rabia Anis  
Speaker: Rabia Anis

#### **Presentation 3: Exploring the Induction of Depth Perception in Virtual Reality Through Anatomical Illustrations: A Comparison with Traditional Drawing Reference Modalities**

Author(s): Hei Ching Kristy Cheung, Shelley Wall, Kristina Lisk  
Speaker: Hei Ching Kristy Cheung



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# ***Monday, June 16, 2025***

## **Oral Block 1: Curriculum & Instructional Methods**

Moderator: Ryan Tubbs

### **Presentation 1: Enhancing Pathology Knowledge for Biomedical Scientists: An Innovative Self-Paced Online Curriculum for Bridging Knowledge Gaps in Fundamental Concepts and Translational Applications**

Author(s): Jennifer Sells, Leticia C. Clemente, David P. Farris, Mary L. Sizemore, Ignacio I. Wistuba, Rama Soundararajan, Maria G. Raso  
Speaker: Maria Gabriela Raso

### **Presentation 2: Introduction of an Interactive Bingo Session to Improve the Learning of Cancer Biology in Pathway Programs**

Author(s): Adedayo Adepoji, Maria Soto-Greene, Jeremy Grachan, Mariana De Lorenzo  
Speaker: Mariana De Lorenzo

### **Presentation 3: An Educational “Choose Your Own Adventure” Game to Integrate Cancer Biology Topics**

Author(s): Kelsey Temprine Grellinger  
Speaker: Kelsey Grellinger

### **Presentation 4: A Question-of-the-Day Game for Medical Biochemistry: Fun, but Only Marginally Effective for Learning and Engagement**

Author(s): Martin Schmidt  
Speaker: Martin Schmidt

## **Oral Block 2: Curriculum & Other**

Moderator: Arkene Levy Johnston

### **Presentation 1: Building Institutional Capacity Through a Medical Education Curriculum for Novice Faculty**

Author(s): Nitsa Topale, Krystal Rampersad, Rachqueda Salfarlie  
Speaker: Nitsa Topale

### **Presentation 2: Strengths-Based Coaching and Empathy Resilience: Curricular Approaches to Flourishing**

Author(s): Joelle Worm, Heather Rissler  
Speaker: Heather Rissler

### **Presentation 3: Operationalizing Human Flourishing to Improve the Well-Being of Medical Students and Faculty**

Author(s): Aviad Haramati, Ming-Jung Ho  
Speaker: Aviad Haramati

### **Presentation 4: Integrated Curricular Mindfulness in Medical Education: A Pilot Study**

Author(s): Chasity O'Malley, Sean Gresham, William Bohne, Domenick Bartoletti, Murad Nawaz, Lisa Journell, Adrienne Stolfi, Jeannette Manger  
Speaker: Chasity O'Malley



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### **Oral Block 3: Assessment**

Moderator: Yen-yuan Chen

#### **Presentation 1: Predictive Analysis of CBSE Scores as an Indicator of Success on the USMLE Step 1 Exam for Medical Students**

Author(s): Abner J. Colón Ortiz

Speaker: Abner J. Colón Ortiz

#### **Presentation 2: Assessing the Value of NBME Customized Practice Quizzes for Academic Success**

Author(s): Melissa Armas, Arash Tadjalli, Manju Somanchi, Bhavya Vashi, Michelle Demory, Kyle Bauckman

Speaker: Melissa Armas

#### **Presentation 3: Standardizing Clinical Evaluation Across Clerkship: Alignment with Course Objectives and Foundational Competencies for Undergraduate Medical Education**

Author(s):

Speaker:

#### **Presentation 4: Using Item Difficulty and Item Discrimination Analyses to Inform Remediation of Clinical Skills**

Author(s): J. Marietta Clewing, Vinayak Shenoy, Sandra Harvey, Darla McPherson, Alyssa Hausmann

Speaker: Johanna Marietta Clewing

### **Oral Block 4: Assessment & Curriculum**

Moderator: Sahar Ajabshir

#### **Presentation 1: Investigating Artificial Intelligence for Building a Post-Operative Infection Osce Case: Can AI Build a Comparable Case to One “Built From Scratch?”**

Author(s): Andrea Vallevand, Cynthia Burns, Kimberly McDonough, Efrem Violato

Speaker: Andrea Vallevand

#### **Presentation 2: The Future is Here: Utilizing ChatGPT as a Tool for Student Assessments**

Author(s): Kathy Keefe, Jill Allenbaugh

Speaker: Kathleen Keefe

#### **Presentation 3: Preparing Students to Incorporate Artificial Intelligence into Clinical Decision Making**

Author(s): John R. Weinstein, Melissa DiPetrillo, Aliza A. Stern

Speaker: John Weinstein

#### **Presentation 4: Evaluating the Associations Between Peer Evaluation and Student Course Performance: An Observational Study**

Author(s): Megan Woolford, Yuan Zhao, Rebecca Andrews-Dickert

Speaker: Megan Woolford

### **Oral Block 5: Technology and Innovation**

Moderator: Jamie Fairclough

#### **Presentation 1: To “Bot” Or Not To “Bot” - That is the Question: Student Perceptions of Using Chatbot in Team-Based Learning, A Pilot Study**

Author(s): Elizabeth Prabhakar, Ernie Ghiglione, Deborah Dalmeida, Nahla Gomaa

Speaker: Nahla Gomaa

#### **Presentation 2: Preclerkship Clinical Skills Education with AI Patient Actors: Improved Flexibility and Feedback**

Author(s): Roshini Pinto-Powell, Wade O’Brien, Simon Stone, Thomas Thesen

Speaker: Roshini Pinto-Powell

#### **Presentation 3: Examining the Feasibility and Desirability of Using GenAI to Advance Evidence-Based Medical Education**

Author(s): Atsusi Hirumi, Hyunchang Mon, Okan Arslan, Dina Kurzweil, Meredith Ratliff

Speaker: Atsusi Hirumi

#### **Presentation 4: The Federation of American Societies for Experimental Biology (FASEB) Gen AI Taskforce Recommendations**

Author(s): Mark Hernandez, Emilia Calvaresi, Chhavi Chauhan, Hannah Damico, Darla P. Henderson, Courtney Karner, Frank Krause, Robin G. Lorenz, Zeynep Madak-Erdogan, Naim Matasci, H. Joseph Yost, Jennifer Zeiter

Speaker: Darla Henderson

### **Oral Block 6: Instructional Methods**

Moderator: Krishna Mohan Surapaneni

#### **Presentation 1: Sculpting Students' Understanding: A Hands-On Approach To Teaching Aortic Arch Development with Modeling Clay**

Author(s): Sara Allison

Speaker: Sara Allison

#### **Presentation 2: Effect of Two Retrieval Practice Exercises on Scores of Anatomy in MBBS Students: A Quasi-Experimental Study**

Author(s): Amber Ilyas

Speaker: Amber Ilyas

#### **Presentation 3: The Pain and Gains of Incorporating Active Learning Techniques into Physiology Education in East Africa**

Author(s): Simiat Elias, Misava Edward

Speaker: Simiat Elias

#### **Presentation 4: Students in Motion: Increasing Wellness Through Movement-Focused Anatomy Videos**

Author(s): Maureen Schaefer, Libby Bradley, Nebiyat Girma, Laura Gjidoda, Nicole Geske

Speaker: Maureen Schaefer

### **Oral Block 7: Student Support & Instructional Methods & Technology and Innovation**

Moderator: Olalekan Ogunsakin

#### **Presentation 1: Revealing Learning Strategy Use and Their Combinations in First-Year Undergraduate (Bio) Medical Students**

Author(s): Jolande Disser, Arnout Jan de Beaufort, Paul Steendijk

Speaker: Jolande Disser

#### **Presentation 2: Assessment of Spaced Small Group Teaching on Medical Student ECG Interpretation**

Author(s): William Bachman

Speaker: William Bachman

#### **Presentation 3: Reading the Room and Setting the Stage: Reflective Practices of Faculty Related to Teaching**

Author(s): Julie M. Galliard, Cayla R. Teal

Speaker: Julie Galliard

#### **Presentation 4: Why Integrating Patient Perspectives in Biomedical Sciences Education?**

Author(s): Petra J. van Gurp, Iris A.L.M. van Rooij,

Hanneke A.C. van Helvoort

Speaker: Petra van Gurp

### **Oral Block 8: Other**

Moderator: Jennifer Hotzman

#### **Presentation 1: How Basic Science Medical Educators Express Knowledgeability in the Medical Education Landscape of Practice**

Author(s): Bonny Dickinson, Tracy Fulton, Joanna

Veazey Brooks

Speaker: Bonny Dickinson

#### **Presentation 2: The Power of True Stories: Lessons Learned in the Shoes of Students From Master Adaptive Teachers**

Author(s): Bei Zhang, Qing Zhong, Voicu S. Ciobanu, Raquel P. Ritchie

Speaker: Bei Zhang

#### **Presentation 3: Analyzing the Ripple Effect: How Institutional Stratification in Developing Countries is Influencing Collaboration and Scholarship in Medical Education**

Author(s): Russell Franco D'Souza, Krishna Mohan Surapaneni, Mary Mathew

Speaker: Mary Mathew

#### **Presentation 4: Developing an Ethical Archiving Process for Legacy Anatomical Specimens: A Framework for Academic Institutions**

Author(s): Tiffany W. Huitt, Erica Malone, David L. Davies

Speaker: Tiffany Huitt

### **Oral Block 9: Other**

Moderator: Gabi Waite

#### **Presentation 1: Building a Legacy: Educator Identity Formation for Future-Proof Medical Professionals**

Author(s): Lee Wai Ching Deanna

Speaker: Wai Ching Lee

#### **Presentation 2: Understanding the Gap: Exploring Key Differences From Baby Boomers to Generation Z to Identify Opportunities for Bridging Educational Perceptions**

Author(s): Kevlian Andrew, Michael Montalbano

Speaker: Kevlian Andrew

#### **Presentation 3: Implementation of Color Vision Deficiency (CVD, Color-Blindness) Accessibility in a Medical School Curriculum**

Author(s): Alexander S.R. Macnow

Speaker: Alexander Macnow

#### **Presentation 4: How are Approaches of Learning Medicine Associated with Medical Trainees' Clinical Performance**

Author(s): Yen-Yuan Chen

Speaker: Yen-Yuan Chen

### **Oral Block 10: TBL/PBL**

Moderator: Brianne Lewis

#### **Presentation 1: Enhancing Moral Judgement in Medical Education: A Scenario-Base Approach**

Author(s): Tidarat Thodthankhun, Kobkuea

Laohapojanart

Speaker: Tidarat Thodthankhun

#### **Presentation 2: Enhancing Conceptual Understanding With Matchy-Matchy: A Team-Based Learning Activity for Premedical and Medical Students**

Author(s): Suman Dalal

Speaker: Suman Dalal

#### **Presentation 3: Which Elements of Team-Based Learning are the Most Difficult to Implement in the Pre-Clerkship Medical Curriculum?**

Author(s): Jade Woodcock, Charles Henderson, Maria Sheakley

Speaker: Jade Woodcock



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***Tuesday, June 17, 2025***

**Oral Block 1: Assessment**

Moderator: Samuel Franklin

**Presentation 1: Assessment-Driven Learning: Using a Redesigned Table Test in the Anatomy Lab**

Author(s): Wessam Ibrahim, James Swigart, Laura Shackelford, Emily Jones  
Speaker: James Swigart

**Presentation 2: Implementing Formative Assessment in Human Anatomy Practical Sessions: Medical Students' Perception and Effect on Final Exam Performance**

Author(s): Hani Atwa, Bhagath Potu, Raouf Fadel, Abdelhalim Deifalla, Ayesha Fatima, Manal Othman, Nasir Sarwani, Wael Nasr El-Din  
Speaker: Hani Atwa

**Presentation 3: Emergency Medicine EPAs: A Psychometric Study**

Author(s): Claudio Violato, Esther Dale, Mohammed Abulela, Annie Griebie  
Speaker: Claudio Violato

**Presentation 4: EPAs in Surgical Training Rotation: A Reliability Analysis**

Author(s): Emilio Violato, Efrem Violato, Claudio Violato  
Speaker: Emilio Violato

**Oral Block 2: Assessment & Curriculum**

Moderator: Martin Schmidt

**Presentation 1: Validation of a Tool to Assess Faculty Leadership in Longitudinal Integrated Curriculum (LILIC)**

Author(s): Amy Prunuske  
Speaker: Amy Prunuske

**Presentation 2: The Changing Pulse: Doctor of Osteopathic Medicine Graduates' Satisfaction and Career Aspirations Over the Last Decade**

Author(s): Khalil Eldeeb  
Speaker: Khalil Eldeeb

**Presentation 3: The Inside Scoop: An Implementer-Focused Strategy to Engage Course Directors in Identifying and Solving Challenges of a New Curriculum**

Author(s): Peter Boedeker, Nadia Ismail, Nancy Moreno  
Speaker: Peter Boedeker

**Presentation 4: Setting the Stage for Success: The Impact of a First-Year Enrichment Program on Medical Students**

Author(s): Tony Slieman  
Speaker: Tony Slieman



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### **Oral Block 3: Curriculum**

Moderator: Yen Ping Kuo

#### **Presentation 1: Community-Engaged Learning to Advance Medical Competencies**

Author(s): Elina Mukhametshina, Lloy Wylie

Speaker: Lloy Wylie

#### **Presentation 2: Doctor, I Want This Medicine: Competency-Based Evidence-Based Medicine Practice Assessment System**

Author(s): Radhika Sreedhar

Speaker: Radhika Sreedhar

#### **Presentation 3: The Use of the Therapeutics Sub-Specialty Clinical Posting as a Tool to Improve the Process of Rational Use of Medicines: Experience in a Nigerian University Medical School**

Author(s): Abimbola O. Opadeyi, Stephen A.

Ayinbuomwan

Speaker: Abimbola Opadeyi

#### **Presentation 4: Three-Day Medical School Pre-Matriculation Course Improves Performance in Academically Disadvantaged Students**

Author(s): Alexa Kambol, Molly Falk-Steinmetz, Teresa Patitucci, Chelsea Weaver, Denise Cook-Snyder

Speaker: Denise Cook-Snyder

### **Oral Block 4: Curriculum**

Moderator: Tubonye Harry

#### **Presentation 1: An Educational Intervention on Women's Reproductive Justice Improves Knowledge and Attitudes about Gender Inequity**

Author(s): Wilo Issack, Laura Bauler

Speaker: Laura Bauler

#### **Presentation 2: A Multidisciplinary Open Educational Resource on Female Reproductive Organs and Women's Health: An Innovative Model for Integrating Science, Humanities, and Technology**

Author(s): Samar Hegazy, Judith Thorn, Wessam Ibrahim, Margaret Burnette, Janet Sinn-Hanlon, Jose Beltran, Imanni Sheppard, Sol Roberts-Lieb, Nama Naseem, Michael Joseph, Ann Frederiksen, Valerie Jennings, Sara Benson

Speaker: Samar Hegazy

#### **Presentation 3: A Methodology to Calculate and Graphically Represent Curricular Spiraling**

Author(s): Robert Lucito, Samantha Catalano, Matthew Friedman

Speaker: Robert Lucito

#### **Presentation 4: Beyond the Classroom: An Experiential Model for Teaching Structural Competency in the Clinical Learning Environment**

Author(s): Kathryn Rampon, Laurel Witt, Kristina Bridges, Hannah Maxfield, Kalee Kirmer-Voss, Ashley Crowl

Speaker: Kathryn Rampon

### **Oral Block 5: Instructional Methods & Technology and Innovation & Other**

Moderator: Shanu Markand

#### **Presentation 1: Connecting Students Across the Medical School Landscape: A Collaborative Medical Humanities Project**

Author(s): April Hatcher, Adil Ansari, Martha Mortell, Grace Macmillan, Laura Fraser, Julia Molnar

Speaker: April Hatcher

#### **Presentation 2: Global Perspectives on Faculty Development: Insights From a Case Series of Six Webinars**

Author(s): Goran Stevanovski, Rasha Nouredine, Sarah Haidar, Adonis Wazir, Sara Keeth

Speaker: Sara Keeth

#### **Presentation 3: Unlocking Potential: The Role of Coaching and Mentoring in Building Adaptive Expertise in Undergraduate Medical Education**

Author(s): Courtney Nagel, Clint A. Patterson, Edward P. Mendoza, Gloria M. Conover

Speaker: Gloria Conover

#### **Presentation 4: Runway to Excellence: Building a Holistic Educator Development Series with Integrated Mentoring**

Author(s): Alice Akunyili, Gretchen Keys

Speaker: Gretchen Keys

### **Oral Block 6: Technology and Innovation**

Moderator: Alice Akunyili

#### **Presentation 1: Optimizing Narrative Feedback Evaluation in Competency-Based Medical Education: A Comparative Study of GPT-3.5 and GPT-4**

Author(s): Benjamin Kwan, Zier Zhou, Christina Rogoza, Nikoo Aghaei, Ingrid de Vries, Tessa Hanmore, Boris Zevin

Speaker: Benjamin Kwan

#### **Presentation 2: Leveraging Generative AI to Design an Interactive Escape Game for Engaging Biochemistry Education in 1st Year Medical Students**

Author(s): Stephanie N. Moore-Lotridge, Cathy Pettepher, Neil Osherooff

Speaker: Stephanie Moore-Lotridge

#### **Presentation 3: Perceptions of Artificial Intelligence as a Learning Aid Among Medical Students**

Author(s): Monzurul A. Roni, Hunter Levingston

Speaker: Monzurul Roni

#### **Presentation 4: Piloting an AI Introduction Program for Incoming Medical Students: A Novel Approach to Medical Education**

Author(s): Kenny Ta

Speaker: Kenny Ta

### **Oral Block 7: eLearning & Technology and Innovation & Student Support**

Moderator: Amin Shah

#### **Presentation 1: Essential Skills for Using an EHR: Pilot of an Introductory Module for the Novice Student**

Author(s): Arati K. Kelekar, Nadia Juzych, Erin Miller, H. Kromrei, Christopher Steffes, Nelia M. Afonso

Speaker: Nelia Afonso

#### **Presentation 2: Towards Interactive Digital Learning with METAPAD: (METAbolic Pathways Decoded) – A Gamification Innovation in Medical Education**

Author(s): Krishna Mohan Surapaneni

Speaker: Krishna Mohan Surapaneni

#### **Presentation 3: Mapping Curricular Influences on Health Behaviors and Well-Being Using Wearable Devices**

Author(s): Thomas Thesen, Wesley Marrero, Vincent Busque, Bofan Chen, Nicholas Jacobson, Matthew Duncan

Speaker: Thomas Thesen

#### **Presentation 4: Transition Support Coaching Communities at a Large Osteopathic Medical School**

Author(s): Amber Schmidtke, Brian Seay, Ryan Cox, Ashley Voyles, Joseph Williams

Speaker: Amber Schmidtke

### **Oral Block 8: Curriculum & Student Support**

Moderator: Corrine Lehmann

#### **Presentation 1: A Sprint Approach to Teaching Artificial Intelligence in Medical Education: Experiential and Ethical Exploration**

Author(s): Mari Hopper, Joseph Williams

Speaker: Mari Hopper

#### **Presentation 2: The 7Ps Framework: A Conceptual and Psychometric Tool for Promoting Lifelong Learning Skills in Medical Students**

Author(s): Priyadarshini Dattathreya, Maureen Hall, Daria Ellis

Speaker: Maureen Hall

#### **Presentation 3: Introducing a Fitness to Practise Workshop for Teaching Faculty of Health Professions Students**

Author(s): Hisham Khalil, Claire Kelly, Ann Rigsby-Jones, Jennifer Jones

Speaker: Hisham Khalil

# Plenary Speakers

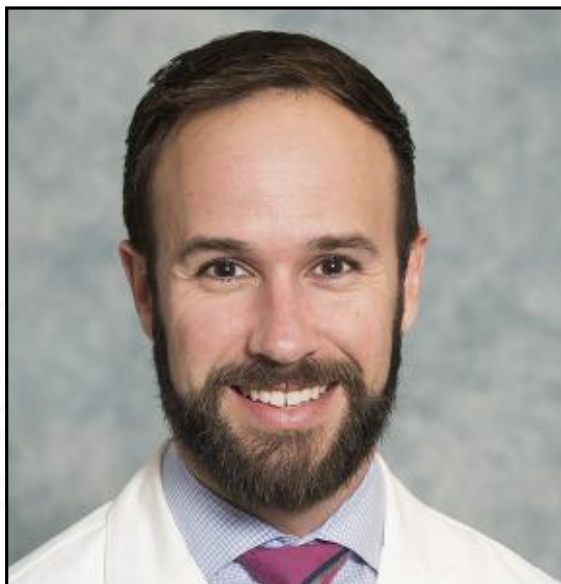


**Teresa Chan**

**Blue Skies Ahead: Realizing the Possibilities of Medical Education**

*Sunday, June 15, 2025*

*8:30 AM - 9:30 AM MDT*



**Will Bynum**

**The Transformative Power of Shame in Medical Education: Challenges, Opportunities, and Imperatives**

*Sunday, June 15, 2025*

*1:00 PM - 2:00 PM MDT*



**Patricia O'Sullivan**

**Be in a Health Professions Scholarly Commuter Community**

*Monday, June 16, 2025*

*8:30 AM - 9:30 AM MDT*



**Yvonne Steinert**

**Faculty Development in the Medical Sciences: Preparing for the Future**

*Tuesday, June 17, 2025*

*11:30 AM - 12:30 PM MDT*



# 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 culture, 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 2025

## Educator Awards

### **2025 Edward Patrick Finnerty Lifetime Achievement Award Recipient**

***John Szarek, PhD***

This award bestowed upon an individual member who has demonstrated a sustained involvement and commitment to the advancement of the International Association of Medical Science Educators through their many types of service to the organization at the highest levels of performance. The special nature of this award makes it one for which a member may not apply, but rather, it represents the highest level of recognition that the organization, through selection by its Board of Directors, can provide to a most worthy individual whose work on behalf of IAMSE has shown a consistent history of distinguished accomplishments.



### **2025 Distinguished Career Award for Excellence in Teaching and Educational Scholarship Recipient**

***Sandra Haudek, PhD***

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.



### **2025 Early Career Award for Excellence in Teaching and Innovation Recipient**

***Sara Allison, PhD***

This 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 their 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, they may not yet have achieved significant accomplishments in scholarship.



# Member Recognition & Business Meeting

**Welcome:** Peter de Jong

**President's Address:** Peter de Jong

- Recognition of Outgoing and Incoming members of the Board of Directors
- Installation of Incoming Members of Board of Directors
- Recognition of Committee Chairs
- Outcomes of the Annual Board Meeting

**Election of Members for the Nominating Committee:** Carol Nichols

**Annual Financial Report:** Kelly Quesnelle

**Standing Committee Updates:**

- Executive Committee - Carol Nichols
- Professional Development Committee - Stefanie Attardi
- Membership Committee - Kristen Porter-Stransky
  - Recognition of 5, 10, 15, 20, & 25 Year Members
- Publications Committee - Jennifer Fischer

**Report from MSE Editor-in-Chief:** David Harris

- Outstanding Reviewer Award

**Report from Manuals Editor-in-Chief:** Emine Abali

**Annual Association Conferences**

- 2025, Virtual Forum, Demidmaa Tuvdendorj - Program Chair
- 2026, Augusta, Georgia, USA, Will Brooks - Program Chair
- 2027, TBD, Giulia Bonominio - Program Chair

**In Memoriam/Moment of Silence:** Peter de Jong

**Open Membership Forum**

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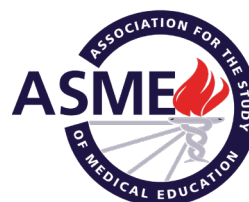


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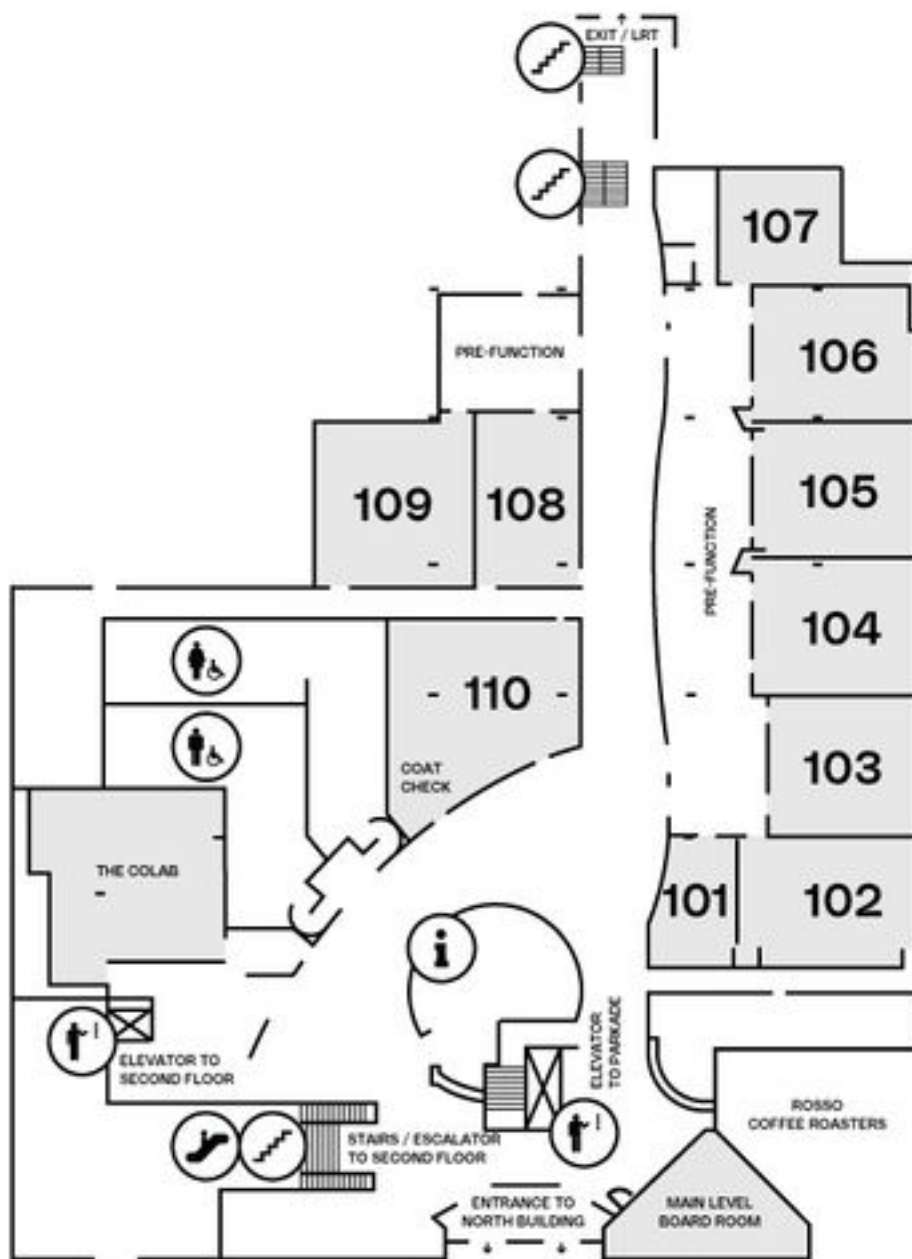
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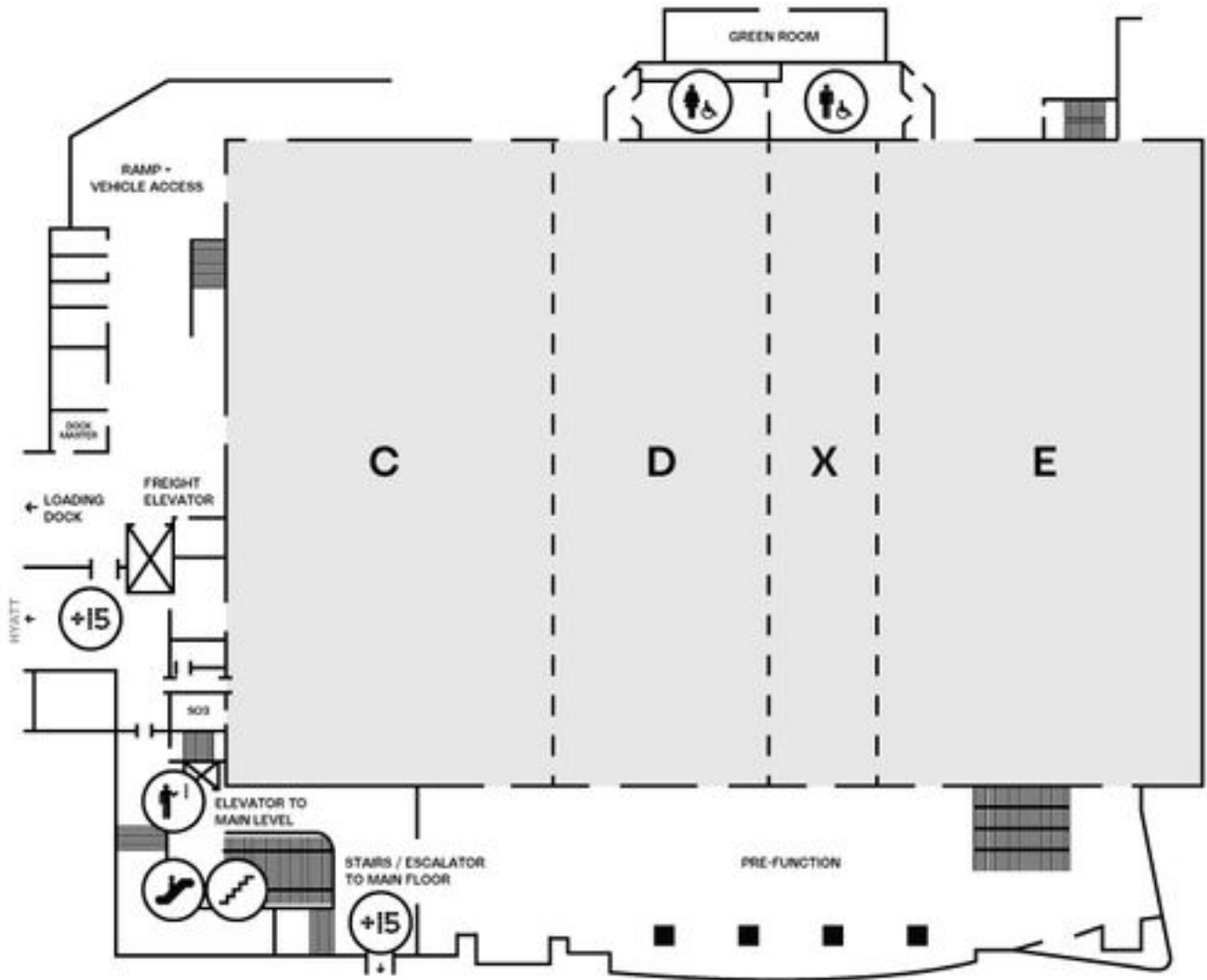


# Conference Space Map

*TELUS Ground Floor*



## TELUS First Floor, General Session Location





**TELUS First Floor, Glen Rooms Location**

