

ANNUAL SYMPOSIUM

Thurs 1st and Fri 2nd May



UNIVERSITY COLLEGE DUBLIN & ST. VINCENTS UNIVERSITY HOSPITAL

DAY 1

8:30 - 9:00

REGISTRATION

9:05 - 9:25

WELCOMES IAS, UCD/SVHG & NSO - C004

9:30 - 10:15

KEYNOTE 1 - C004

The global consensus statement on simulation practice in healthcare.

Prof. Christina Diaz Navarro, Cardiff
Chair: *Crina Burlacu*

10:15 - 11:00

KEYNOTE 2 - C004

Innovations in clinical skills training from veterinary education

Prof. Sarah Baillie, University of Bristol
Chair: *Mark McCorry*

11:00 - 11:30

COFFEE AND EXHIBIT

11:30 - 12:45

MORNING PARALLEL WORKSHOPS

WORKSHOP 1: 3D Printing- uses in simulation and practical demonstration.
Dr. Laura Gorman - C241

WORKSHOP 2: Supporting Equity, diversity, and inclusion in simulation through the application of the Universal Design for Learning (UDL) guidelines.
Dr. Freda Browne (UCD), Ms Lisa Langan (MTU and UDL Facilitator), and Ms Kate O'Donovan (UCD) - B109

WORKSHOP 3: The use of VR in Simulation
Dr. Michelle O'Connor and Jaka Potočnik - VR Suite and C118

Workshop 4: Interprofessional Education (IPE) in Veterinary Medicine: Challenges, Barriers, and Benefits
Prof. Sarah Baillie, Renagh Kelly MVB, Mark McCorry - A003

12:45 - 13:45

LUNCH AND EXHIBIT

13:45 - 14:40

E-POSTER PRESENTATIONS

Chairs: Leonie Heskin & Maya Contreras

14:45 - 16:00

AFTERNOON PARALLEL WORKSHOPS

WORKSHOP 5: "Train as We Practice"—The Art of Interprofessional Simulation Design
Dr Liza Barbarello Andrews - B006

WORKSHOP 6: Making Models for learning including moulage
*Mark McCorry RVN, Tracey Murphy, Leonie Heskin - *106 VET**

WORKSHOP 7: Keep them coming back: fostering brave learning spaces in simulation
Dani Hall, Claire Mulhall, Linda Farren & Abaigh Healy - B109

Workshop 8: Developing a sim facility on a clinical site.
National Simulation Office & Enda McDermott Simulation & Education Centre (EMSEC): John Cronin, Debbie Killeen, Emma May Curran, Nick Wall - C241

16:05-16:50

KEYNOTE 3 - C004

Simulation based Emergency Care Skills Training in East Africa. A 15-year review.

Prof. Jean O Sullivan, Trinity College Dublin
Chair: *John Cronin*

16:50 - 17:00

ANNOUNCEMENTS & CLOSING - C004

17:00 - 17:20

AGM (All Welcome) - C004

17:15

FINGER FOOD AND NETWORKING IN THE CLUB



ANNUAL SYMPOSIUM

Thurs 1st and Fri 2nd May



UNIVERSITY COLLEGE DUBLIN & ST. VINCENTS UNIVERSITY HOSPITAL

DAY 2

9:00 - 9:15

TEA & COFFEE

9:15 - 9:25

WELCOME FROM IAS - C004

09:00 - 10:30*

Note: This workshop is held in St. Vincents University Hospital and has a different run time.

WORKSHOP 9: Running a major haemorrhage simulation session in your hospital.

*Dr Robert ffrench-O'Carroll, Dr Amy Donnelly, Dr Joan Fitzgerald, Dr Waqas Butt, Dr Jessica Abrahams, Karl Perocillo CNM, Catherine McKenna CNM, Dr Alison Fahey, Margaret Ann Connaughton, Dr. Maggie Grace, Dr. Crina Burlacu, Dr. John Cronin - *SVUH**

10:45

SHUTTLE TRANSFER TO UCD

9:30 - 10:45

MORNING PARALLEL WORKSHOPS

WORKSHOP 1: 3D Printing - uses in simulation and practical demonstration.

Dr. Laura Gorman - C241

WORKSHOP 2: Supporting Equity, diversity, and inclusion in simulation through the application of the Universal Design for Learning (UDL) guidelines.

Dr. Freda Browne (UCD), Ms Lisa Langan (MTU and UDL Facilitator), and Ms Kate O'Donovan (UCD) - B109

Workshop 3: Interprofessional Education (IPE) in Veterinary Medicine: Challenges, Barriers, and Benefits

Prof. Sarah Baillie, Renagh Kelly MVB, Mark McCorry - A003

WORKSHOP 4: "Train as We Practice"—The Art of Interprofessional Simulation Design
Dr Liza Barbarello Andrews - B006

10:45 - 11:30

COFFEE, LIGHT LUNCH & EXHIBIT

College of Health and Agricultural Sciences

University College Dublin

11:30 - 12:45

KEYNOTE 4

Interprofessional education: shaping highly effective healthcare teams with simulation.

*Dr. Liza Barbarello Andrews, Rutgers College of Pharmacy
Chair: Siobhan Brereton - C004*

12:45 - 13:00

PRIZES AND CLOSING CEREMONY

ANNOUNCEMENT OF IAS SYMPOSIUM 2026

The IAS 2024 Symposium has been awarded 9.0 CPD credits in total.

Day 1: 5.0 CPD Credits Day 2: 4.0 CPD Credits



KEYNOTE SPEAKER INFORMATION

Professor Cristina Diaz Navarro (Cardiff, Wales)

Keynote Title: 'The global consensus statement on simulation practice in healthcare'

Bio: Professor Cristina Diaz-Navarro is a Consultant Anaesthetist and the Academic Head for Perioperative Care at Cardiff and Vale University Health Board. She chairs the Simulation Advisory Group at the Royal College of Anaesthetists. She is an Honorary Professor in Medical Education at the School of Medicine, Cardiff University, an Associate Professor for the School of Medicine and Healthcare Sciences at the University of Barcelona and the Chair of the Scientific Committee for the European Simulation Society (SESAM).



She is also the lead author in the creation of the TALK approach to clinical debriefing (www.talkdebrief.org) and chairs the Board of Trustees of the TALK Foundation.

As an Executive Committee Member at the Association for Simulation in Healthcare Practice (ASPiH), she led the development of the ASPiH Standards 2023. As an associate dean for simulation at Health Education and Improvement Wales her focus was on faculty development and quality assurance in simulation.

She has been involved in simulation based education and debriefing since 2006. She enjoys developing innovative simulation based projects that encourage new perspectives for reflection on everyday elements of healthcare.

Keynote: Global Consensus Statement on Simulation-based Practice

Simulation plays a pivotal role in addressing universal healthcare challenges, reducing education inequities, and improving mortality, morbidity and patient experiences. It enhances healthcare processes and systems, contributing significantly to the development of a safety culture within organizations. It has proven to be cost-effective and successful in enhancing team performance, fostering workforce resilience and improving patient outcomes.

Through an international collaborative effort, an iterative consultation process was conducted, engaging with 50 societies operating across 67 countries within six continents. The statement describes a consensus on the key priorities for the broad adoption of exemplary simulation practice that benefits patients and healthcare workforces globally.

Prof Sarah Baillie (University of Bristol)

Keynote Title:

'Innovations in clinical skills training from veterinary education'

Bio: Sarah worked in clinical practice for many years before undertaking a PhD in computer science when she developed virtual reality simulators for training veterinary students. She led a major curriculum review at Bristol Veterinary School, UK and introduced more outcome-based, integrated and student-centered approaches. She was responsible for opening the first clinical skills laboratory at Bristol and has created many low- and high-fidelity models. She won the inaugural Times Higher Education's 'Most Innovative Teacher of the Year'.



She is now an Emeritus Professor with the University of Bristol and is fortunate to be able to dedicate more time to educational research projects and collaborations around the world. She has an extensive track record in educational research with nearly 100 peer reviewed publications. She mentors others who are leading curriculum review and preparing for accreditation, delivers a range of faculty development workshops and supervises research students in UK and internationally.

Prof Jean O'Sullivan (Trinity College Dublin)

Keynote Title: "Simulation-based Emergency Care Skills Training in East Africa. A 15-year review"

Bio: Professor Jean O'Sullivan is currently a Consultant in Emergency Medicine at Tallaght University Hospital and a senior lecturer at Trinity College Dublin. In 2008 Professor O'Sullivan founded an international organisation, Global Emergency Care Skills which has provided skills-based training in trauma care to over 650 healthcare staff in African hospitals. In 2021 Professor O'Sullivan was awarded the William Rutherford Humanitarian Award by the Royal College of Emergency Medicine London.

In 2024 she accepted the International Federation of Emergency Medicine Humanitarian Award. Prof O'Sullivan is the Chair of the United Nations Global Surgery Learning Hub. Prof O'Sullivan is also Chair of the Global Health Committee of the Forum of Postgraduate Training Bodies. Professor O'Sullivan was made an Honorary Faculty Member of the Institute of Global Surgery at RCSI in 2024.



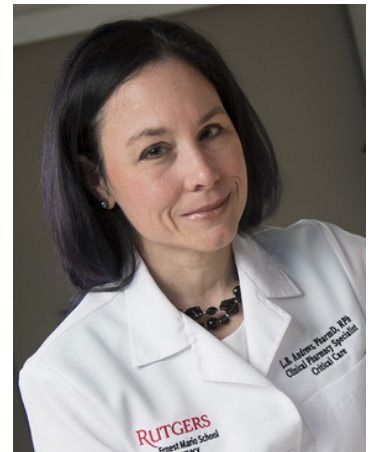
Dr Liza Barbarello Andrews (Rutgers College of Pharmacy)

Keynote Title: "Interprofessional education: shaping highly effective healthcare teams with simulation"

Bio: Dr. Liza Barbarello Andrews is a clinical professor at Rutgers, The State University of New Jersey's Ernest Mario School of Pharmacy (EMSOP) in the United States who also serves as the clinical director for EMSOP's simulation program. Her strong interprofessional collaborations have led to several expansions beyond the pharmacy school, including an appointment at the Rowan School of Osteopathic Medicine and as a founding member of the interprofessional Simulation Collaborative Advancing Research, Learning, Education & Technology (SCARLET) for Rutgers Health.

Liza is active with the Society for Simulation in Healthcare, serving in her second term as chair of the Pharmacy Special Interest Group, moderating forums, leading projects, and routinely contributing content at the International Meeting for Simulation in Healthcare. Liza has been a critical care and emergency medicine pharmacist who has worked to advance both pharmacy and integrative practice models for 25 years, currently practicing within RWJBarnabas Health in New Jersey.

Liza received both her Bachelor of Science in Pharmacy and Doctor of Pharmacy from Rutgers and completed post-doctoral training in medical education through the Institute for Pharmaceutical Industry Fellowships. Dr. Barbarello Andrews is board certified as a critical care pharmacist (BCCCP), pharmacotherapy specialist (BCPS) and healthcare simulation educator (CHSE). Her scholarly work describes advancing practice models as well as innovation in simulation education. She has won several awards for her work, including the 2022 Rutgers Biomedical and Health Sciences (RBHS) Chancellor Awards for Distinguished Educator for her innovations in simulation education; the Planetree International 2019 Global Person-Centered Innovation Award for establishing an innovative interprofessional model; and the 2018 New Jersey Health Foundation Excellence in Teaching award.



WORKSHOP INFORMATION - THURSDAY 1ST MAY

Workshop 1 -Title: 3D Printing - uses in simulation and practical demonstration - Room C241

Dr. Laura Gorman

Description:

This workshop is aimed at those new to 3D printing and seeking to understand its value in simulation-based training/education and early implementation. Discover the transformative power of desktop 3D printing in healthcare simulation! This hands-on workshop explores how 3D printing technology is revolutionising training, education, and patient-specific modeling. Whether you are a healthcare professional, educator, or DIY enthusiast, this session will introduce you to the basics of 3D printing, its applications in healthcare simulation and education, and provide a live demonstration of the process - from design to finished model.

What to expect:

- Basics of 3D printing technology – types of printers, materials, and workflows
- How custom anatomical models enhance simulation-based training/use cases
- The role of 3D printing in surgical planning, education, and device prototyping
- Open access resources
- Live demonstration of 3D model creation and printing process

Join us for an interactive experience where innovation meets practical application!

Participants are welcome to email me in advance with requests/descriptions of models they are interested in seeing (laura.gorman@ucd.ie)

Workshop 2 -Title: Supporting equity, diversity, and inclusion in simulation through the application of the Universal Design for Learning (UDL) guidelines - Room B109

Dr Freda Browne - Lead facilitator (UCD), Ms Lisa Langan (MTU and UDL Facilitator), and Ms Kate O'Donovan (UCD)

Description: The ASPIH standards identify that equity, diversity, and inclusion should be core values in the design, delivery, evaluation, and translation of simulated practice. This workshop will introduce participants to Universal Design for Learning (UDL, CAST 2024) as an educational framework for creating learning environments that address these core values and the diverse needs of all learners. The three fundamental principles of UDL, 1) multiple means of engagement, 2) multiple means of representation, and 3) multiple means of action and expression will be explored.

After participating in this workshop participants will:

- Develop practical strategies for incorporating UDL principles into the design and delivery of simulation-based learning.
- Evaluate and modify existing simulation practices to enhance inclusivity and accessibility using the UDL framework
- Promote a culture of inclusive simulation practice, through the application of UDL within their respective contexts, reflecting ASPIH's commitment to EDI.

WORKSHOP INFORMATION - THURSDAY 1ST MAY

Workshop 3 -Title: The Use of VR in Simulation- VR suite & Room C118

Dr. Michelle O'Connor and Dr Jaka Potočnik

Description: This workshop explores how virtual reality (VR) is transforming simulation-based training and learning in radiography. Participants will gain insights into the benefits, challenges, and practical applications of VR in creating immersive and realistic simulation experiences. Through engaging presentations and hands-on VR demonstrations, attendees will discover how VR enhances learning, improves decision-making, and refines technical skills in a controlled, risk-free environment.

Learning Outcomes:

1. Understand the Role of VR in Radiography Simulation – Explore how VR enhances training, education, and hands-on learning by providing realistic, interactive simulation experiences.
2. Apply VR Technologies in Practice – Gain practical experience using VR tools to navigate and interact with virtual simulated clinical environments.

Workshop 4 -Title: Interprofessional Education (IPE) in Veterinary Medicine: Challenges, Barriers, and Benefits - Room A003

Dr. Renagh Kelly MVB, Mark McCorry RVN, Prof. Sarah Baillie

Description: Interprofessional Education (IPE) is a key strategy for enhancing collaboration and improving patient and client outcomes across all healthcare professions. While IPE has been widely explored in human medicine, veterinary education is also embracing its value in fostering teamwork within interprofessional healthcare settings.

This workshop will explore the current landscape of IPE and Interprofessional Practice (IPP) in veterinary medicine, with a focus on the role of simulation in advancing interprofessional learning. We will showcase examples of how simulation-based education has been introduced into veterinary IPE, highlighting its impact and potential applications across healthcare disciplines. Through an interactive discussion, participants will examine the common barriers, challenges, and benefits of implementing IPE in their respective fields. Key topics will include overcoming logistical and hierarchical challenges, fostering effective collaboration, and leveraging simulation to bridge gaps in interprofessional training.

Aims of this workshop:

- Provide an overview of IPE/IPP in healthcare education.
- Explore successful simulation-based IPE initiatives.
- Identify shared challenges and barriers to IPE implementation.
- Discuss strategies to enhance interprofessional collaboration through simulation.

This session will equip educators with practical insights to strengthen IPE initiatives, ensuring graduates are better prepared for collaborative practice in diverse healthcare environments.

WORKSHOP INFORMATION - THURSDAY 1ST MAY

Workshop 5 -Title: “Train as We Practice” –The Art of Interprofessional Simulation Design - Room B006

Dr Liza Barbarello Andrews

Description: In this workshop, participants will explore methods to adapt simulations designed for a singular discipline to accommodate multiple interprofessional learners, using the example of adding pharmacist learners to a physician or nursing-focused simulation.

Learning Objectives: After participating in this workshop, participants will

1. Define discipline-specific scope for various interprofessional learners to shape scope-calibrated learning outcomes for each participating discipline.
2. Modify a simulation designed for a singular discipline to effectively integrate interprofessional learners.
3. Identify methods, considerations and/or resources required to assure appropriate fidelity of props and other aspects of the simulation environment for various learner groups.

Workshop 6 -Title: Making Models for Learning Including Moulage - Room - *106 VET*

Mark McCorry, Tracey Murphy, Leonie Heskin, Bronwyn Reid-McDermott

Description: Veterinary medicine has limited purpose built, high fidelity simulation models so clinical skills staff frequently resort to making their own models to facilitate the teaching of essential day one competency skills. The benefits of this approach include an ability to make multiple models, repair and improve teaching models and save on costs.

This collaborative model making workshop between veterinary and medicine will focus on the use of a variety of materials to achieve effective teaching models to undergraduate students. This will include the use of silicone for making skin for surgical patient skin preparation and draping for surgery. Participants will have an opportunity to make silicone skin pads to help build competency in suturing skills. There will be an opportunity to make a low fidelity I/V catheter model to facilitate intravenous catheter placement, intravenous injection and blood sampling. A moulage expert from medicine will also be involved in this highly interactive and collaborative workshop where you learn lots of model making tips and tricks.

Workshop 7 -Title: Keep them coming back: fostering brave learning spaces in simulation - Room - B109

Dani Hall (Lead facilitator), Claire Mulhall, Linda Farren & Abaigh Healy

Description: Creating a truly impactful simulation experience requires more than just psychological safety—it requires intellectual bravery. In this interactive workshop, simulation facilitators will explore techniques to encourage learners to take risks, embrace vulnerability, and fully engage in the learning process. Through practical strategies such as group activities, pre-brief scripts, and facilitation techniques, participants will gain the tools to foster a culture of growth, reflection, and courageous learning in their simulations.

WORKSHOP INFORMATION - THURSDAY 1ST MAY

Workshop 8 -Title: Developing a Simulation Facility on a Clinical Site- Room C241

National Simulation Office (NSO): Dara Byrne, Stephanie Ryng

St Vincent's University Hospital (SVUH) Enda McDermott Simulation & Education Centre (EMSEC): John Cronin, Emma May Curran, Nick Wall

Description: This interactive workshop will guide participants through the practical considerations in planning and developing a simulation facility within a hospital environment. The session will focus on facility design aligned to a needs assessment and operational requirements.

It will align with the 8 priority areas outlined in The Implementation of Simulation on Clinical Sites – A National Strategic Guide.

Through a combination of presentations, group discussions, and practical exercises, participants will gain valuable insights into how to effectively plan, implement, and sustain a successful simulation centre.

Learning Outcomes:

By the end of the workshop, participants will be able to:

1. Analyse their institution's specific training and operational needs to inform the simulation facility's design and functionality.
2. Integrate the 8 priority areas outlined in The Implementation of Simulation on Clinical Sites – A National Strategic Guide into the planning and operational framework of their simulation facility.

WORKSHOP INFORMATION - FRIDAY 2ND MAY

Workshop 9 -Title: 'Running a major haemorrhage simulation session in your hospital' - SVUH

Dr Robert ffrench-O'Carroll, Dr Amy Donnelly, Dr Joan Fitzgerald, Dr Waqas Butt, Dr Jessica Abrahams, Karl Perocillo CNM, Catherine McKenna CNM, Dr Alison Fahey, Margaret Ann Connaughton, Dr. Maggie Grace, Dr. Crina Burlacu, Dr. John Cronin

Description: This session will be focused on how a major haemorrhage simulation can be delivered in your hospital. Suited to both those with and without prior experience in running simulation sessions, we will provide participants with the necessary information and tools to deliver an effective major haemorrhage simulation. The session will be multidisciplinary with input from surgery, anaesthesia, emergency medicine, nursing, haematology and the blood bank. Following a discussion of the logistics and challenges in running an effective simulation on major haemorrhage, we will then take participants through a sample simulation focusing on how we run the sessions in our own institution.

WORKSHOP INFORMATION - FRIDAY 2ND MAY

Workshop 1 -Title: 3D Printing - uses in simulation and practical demonstration - Room C241

Dr. Laura Gorman

Description:

This workshop is aimed at those new to 3D printing and seeking to understand its value in simulation-based training/education and early implementation. Discover the transformative power of desktop 3D printing in healthcare simulation! This hands-on workshop explores how 3D printing technology is revolutionising training, education, and patient-specific modeling. Whether you are a healthcare professional, educator, or DIY enthusiast, this session will introduce you to the basics of 3D printing, its applications in healthcare simulation and education, and provide a live demonstration of the process - from design to finished model.

What to expect:

- Basics of 3D printing technology – types of printers, materials, and workflows
- How custom anatomical models enhance simulation-based training/use cases
- The role of 3D printing in surgical planning, education, and device prototyping
- Open access resources
- Live demonstration of 3D model creation and printing process

Join us for an interactive experience where innovation meets practical application!

Participants are welcome to email me in advance with requests/descriptions of models they are interested in seeing (laura.gorman@ucd.ie)

Workshop 2 -Title: Supporting equity, diversity, and inclusion in simulation through the application of the Universal Design for Learning (UDL) guidelines - Room B109

Dr Freda Browne - Lead facilitator (UCD), Ms Lisa Langan (MTU and UDL Facilitator), and Ms Kate O'Donovan (UCD)

Description: The ASPIH standards identify that equity, diversity, and inclusion should be core values in the design, delivery, evaluation, and translation of simulated practice. This workshop will introduce participants to Universal Design for Learning (UDL, CAST 2024) as an educational framework for creating learning environments that address these core values and the diverse needs of all learners. The three fundamental principles of UDL, 1) multiple means of engagement, 2) multiple means of representation, and 3) multiple means of action and expression will be explored.

After participating in this workshop participants will:

- Develop practical strategies for incorporating UDL principles into the design and delivery of simulation-based learning.
- Evaluate and modify existing simulation practices to enhance inclusivity and accessibility using the UDL framework
- Promote a culture of inclusive simulation practice, through the application of UDL within their respective contexts, reflecting ASPIH's commitment to EDI.

WORKSHOP INFORMATION - FRIDAY 2ND MAY

Workshop 3 -Title: Interprofessional Education (IPE) in Veterinary Medicine: Challenges, Barriers, and Benefits - Room A003

Prof. Sarah Baillie, Renagh Kelly MVB, Mark McCorry

Description: Interprofessional Education (IPE) is a key strategy for enhancing collaboration and improving patient and client outcomes across all healthcare professions. While IPE has been widely explored in human medicine, veterinary education is also embracing its value in fostering teamwork within interprofessional healthcare settings.

This workshop will explore the current landscape of IPE and Interprofessional Practice (IPP) in veterinary medicine, with a focus on the role of simulation in advancing interprofessional learning. We will showcase examples of how simulation-based education has been introduced into veterinary IPE, highlighting its impact and potential applications across healthcare disciplines. Through an interactive discussion, participants will examine the common barriers, challenges, and benefits of implementing IPE in their respective fields. Key topics will include overcoming logistical and hierarchical challenges, fostering effective collaboration, and leveraging simulation to bridge gaps in interprofessional training.

Aims of this workshop:

- Provide an overview of IPE/IPP in healthcare education.
- Explore successful simulation-based IPE initiatives.
- Identify shared challenges and barriers to IPE implementation.
- Discuss strategies to enhance interprofessional collaboration through
- simulation.

This session will equip educators with practical insights to strengthen IPE initiatives, ensuring graduates are better prepared for collaborative practice in diverse healthcare environments.

Workshop 4 -Title: “Train as We Practice” –The Art of Interprofessional Simulation Design - Room B006

Dr Liza Barbarello Andrews

Description: In this workshop, participants will explore methods to adapt simulations designed for a singular discipline to accommodate multiple interprofessional learners, using the example of adding pharmacist learners to a physician or nursing-focused simulation.

Learning Objectives: After participating in this workshop, participants will

1. Define discipline-specific scope for various interprofessional learners to shape scope-calibrated learning outcomes for each participating discipline.
2. Modify a simulation designed for a singular discipline to effectively integrate interprofessional learners.
3. Identify methods, considerations and/or resources required to assure appropriate fidelity of props and other aspects of the simulation environment for various learner groups.