



iEXCEL Digital Pulse

Improving Human Performance & Effectiveness in Health Care

May 2023

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UNMC faculty, students and iEXCEL staff continue to test and try new ways of adopting simulation and visualization to “bring learning to life!” With many sessions on the schedule, the interprofessional, experiential simulation model for health professions training continues to evolve.

Plastics & Reconstructive Surgery Teamwork



Plastics and Reconstructive Surgery faculty, *Dr. Perry Johnson* and *Dr. Wes Heckman*, led their first simulation training session with **ENT Residents** and **Plastic Surgery Fellows**! Learners from both programs practiced rhinoplasty procedures together in an effort to enhance critical interdisciplinary teamwork and communication skills used during these complex surgeries.

From "Clinic to Crime" Scenario



Led by *Kalen Knight, RN*, the **Emergency Department Nursing Fellowship** and **Nebraska Medicine Forensic Examiner Program** practiced a simulated clinical consultation on domestic violence. Learners then conducted a crime scene death investigation using the Davis Global Center home unit. This collaborative training event demonstrated the importance of the nurses' role in supporting and responding to victims and survivors.

Children's Cardio Collaboration



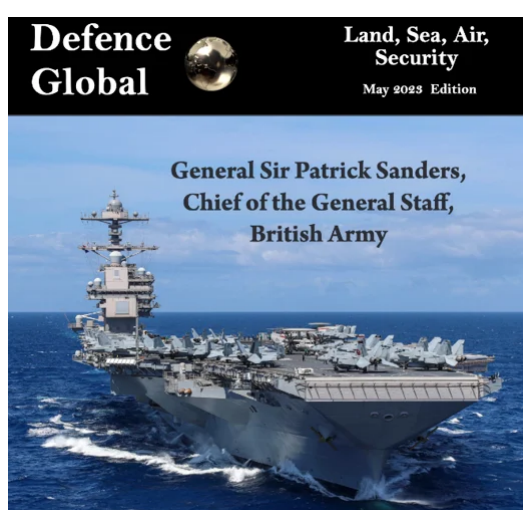
Nurses with respiratory therapists from **Children's Hospital Critical Care Unit** participated in an interprofessional training session led by *Dr. Ali Ibrahimye*. Using iEXCEL created 3D imagery, participants experienced and engaged in a comprehensive anatomic dissection that followed blood flow from the heart, into the great vessels and through the lungs. The virtual and immersive learning experience helped learners gain a deep understanding of the circulatory system, especially related to emergency life-saving procedures.

Uzbekistan Visitors



iEXCEL and the UNMC Office of Global Engagement were delighted to host the Uzbekistan Minister of Health, *Dr. Amrillo Inoyatova*, and colleagues from the **Uzbekistan Ministry of Health**. The visit to the Davis Global Center showcased the innovative simulation capabilities of UNMC while strengthening this ongoing international relationship.

Additional Highlights



Defence Global

iEXCEL published a case study in the May edition of **Defence Global** that described the importance of a reliable data capture system that tracks the return on investment for the iEXCEL program and Davis Global Center in real time.

As iEXCEL develops a health professions performance assessment model, accurately collecting, tracking and disseminating data is of vital importance. As a recognized leader in the field of performance assessment, iEXCEL leverages this specialized system to capture and utilize data in efforts to advance an interprofessional, experiential model for health professions education.

[Read More](#)



Air Force Tours

iEXCEL was honored to host USAF Associate Deputy Surgeon General Stephen Mounts and accompanying U.S. Air Force officials, for a tour as well as a demonstration of the wide range of simulation and visualization technologies in the Davis Global Center!

[Learn More](#)



iEXCEL hosts National Meeting in August 2023

In August, iEXCEL will host the national SimGHOSTS conference for over 300 simulation technology specialists from across the US! To learn more or sign up for early bird registration, see below!

[Learn More about SimGHOSTS](#)

Let's Connect

Share your experience with iEXCEL and follow us to see innovation in health care training and simulation:

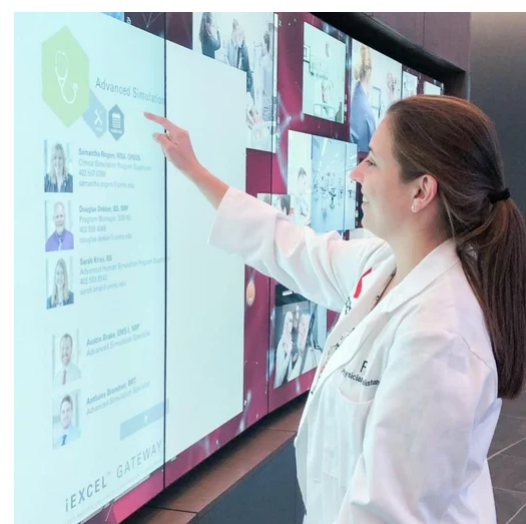
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Instagram: [@iexcelunmc](#)

Contact us: [Gateway App](#)



Please continue to reach out to us directly with questions (see the iEXCEL UNMC app) about how to access staff in the Davis Global Center, especially if you would like support from iEXCEL in creating simulation and visualization scenarios.

We look forward to continuing to innovate with you!

Sincere Regards,



A handwritten signature in black ink that reads "Pamela J. Boyers".

Pamela Boyers, PhD
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