

# iEXCEL Digital Pulse

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Improving Human Performance & Effectiveness in Health Care

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, performance-based model for health professions training continues to evolve.

## SimGHOSTS Conference 2023



This month, UNMC hosted the **SimGHOSTS** 2023 International Conference. Simulation technologists from all over the world visited UNMC to explore the Davis Global Center and learn about iEXCEL. World-class keynotes, interactive simulations and breakthrough "first-of-their-kind" live holographic broadcasts across campus in real-time ensured 2023 was the highest attended SimGHOSTS conference yet!

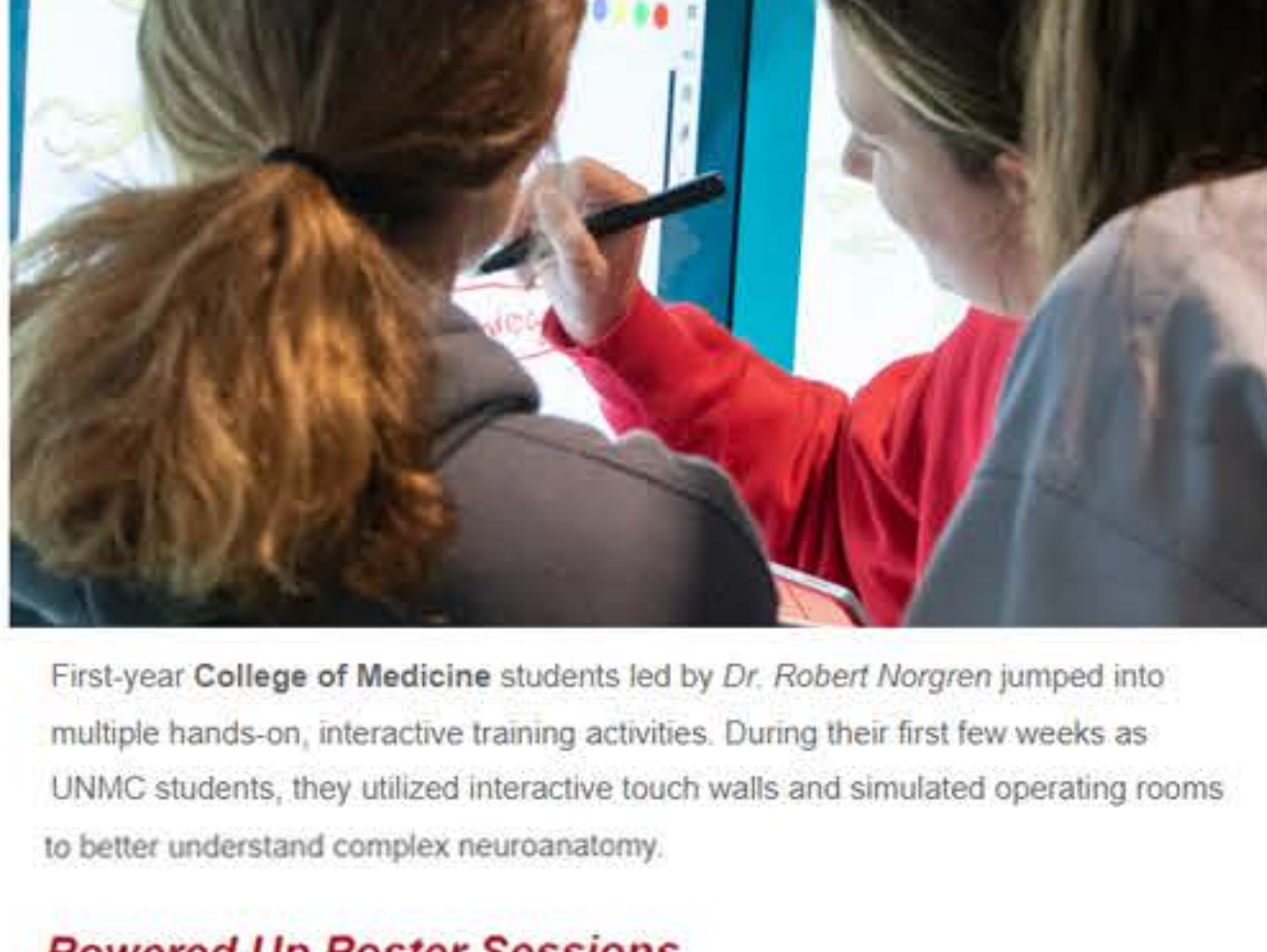
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## Emergency Joint Trauma



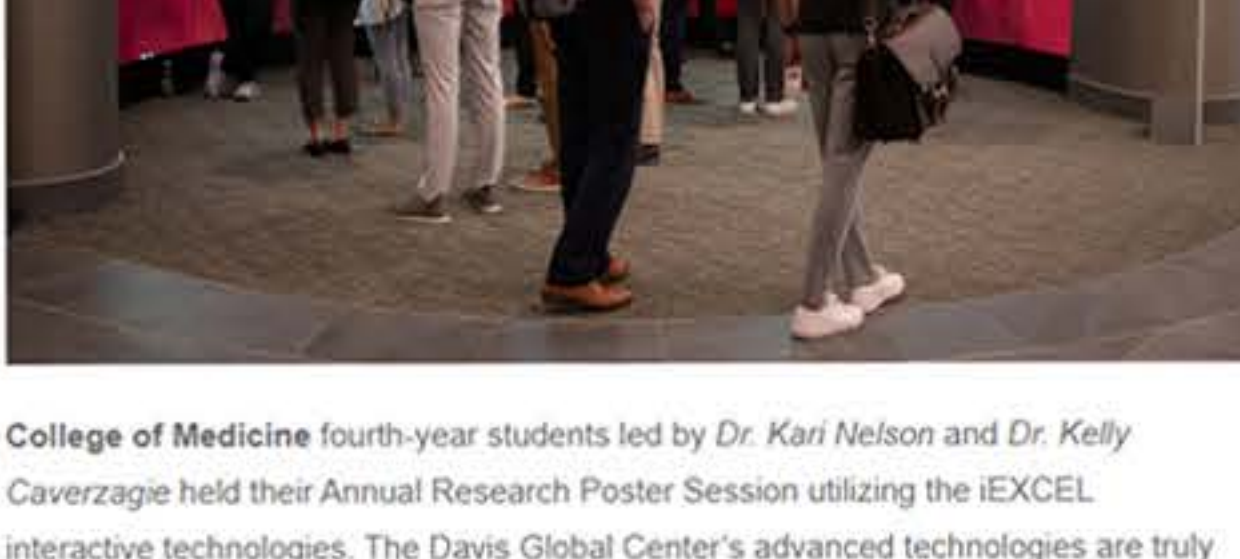
**Department of Emergency Medicine** residents led by *Dr. Jason Langenfeld* and *Dr. Kaitlin Dougherty*, practiced their skills in collaboration with the **Trauma Surgery** unit, led by *Dr. Bennett Berning* and *Dr. Jessica Veatch*. Learners worked on emergency surgical procedures, including knee arthrocentesis, chest tubes and central lines placement. They also managed situations involving multiple levels of care, and the safe transfer of care between health care teams. The overall goal was to ensure safe patient care in complex critical scenarios.

## New Students, First Simulations



First-year **College of Medicine** students led by *Dr. Robert Norgren* jumped into multiple hands-on, interactive training activities. During their first few weeks as UNMC students, they utilized interactive touch walls and simulated operating rooms to better understand complex neuroanatomy.

## Powered Up Poster Sessions



**College of Medicine** fourth-year students led by *Dr. Kari Nelson* and *Dr. Kelly Caverzagie* held their Annual Research Poster Session utilizing the iEXCEL interactive technologies. The Davis Global Center's advanced technologies are truly transforming the learning environment as students and faculty adopt innovative ways to transfer knowledge and ideas.

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## Additional Highlights



### Back to School: IPE Day

iEXCEL hosted the statewide broadcast for **IPE Day**. Reaching hundreds of students across the state, *Dr. Devin Nickol* and his panel of experts explained the importance of interprofessional teams to ensure proper patient care.



### Executive Women International

iEXCEL Director of Simulation Operations, *Jenni Bouckhuyt*, addressed the **Executive Women International - Omaha Chapter** at their annual fundraiser, *Dollars for Scholars*. She emphasized not only how iEXCEL is transforming education in health care, but also the community impact on work force and inspiring the next generation of innovators.



### Defence Global

iEXCEL was featured in the August Edition of **Defence Global** with a case study, "The Adoption of Virtual Reality in Health Professions Education: An Update" by *Dr. Pamela Boyers*, Associate Vice Chancellor Clinical Simulation, and *Bill Glass*, MS, Artistic Director iEXCEL Visualization.

[Read More](#)

### Let's Connect

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

- LinkedIn: [iEXCEL at UNMC](#)
- Facebook: [@UNMC\\_iEXCEL1](#)
- Twitter: [@UNMC\\_iEXCEL](#)
- 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,

Pamela Boyers, PhD  
Associate Vice Chancellor, iEXCEL



4111 Emile Street  
Omaha, NE 68105  
402-559-2442

[iEXCEL Website](#)

