

# iEXCEL Digital Pulse

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Improving Human Performance & Effectiveness in Health Care

As we enter iEXCEL's fourth year in the Davis Global Center, UNMC faculty, students and iEXCEL staff continue to test and try new ways of adopting simulation and visualization to "bring learning to life!" 2023 is off to a strong start as the interprofessional, experiential simulation model for health professions training continues to evolve with many sessions already on the schedule.

## Interprofessional Certification Courses



Teams from **Nebraska Medicine** and **UNMC** completed a two-day course resulting in certification for Advanced Trauma Life Support (ATLS). Pictured is *Allison Sundeen, RN*, who led doctors, physician assistants and nurse practitioners in practicing trauma skills such as managing pediatric and difficult airways, hemorrhage, placement of chest tubes and assessment of patients after intervention.

## Surgery Faculty Innovate with Engineering Students



Led by *Dr. Matthew Mormino*, the **Department of Surgery** collaborated with senior level **UNL Biomedical Engineering** students to design a new surgical magnification device for use during operations. The students utilized the Davis Global Center to view simulated surgical procedures, such as suturing, and the ergonomics of surgery to better understand surgeon needs.

## Student Driven Video Trainings



The **Student Interprofessional Society** worked with the iEXCEL team to create the second and third videos for the Cultural Competency series. These videos will be the foundation for upcoming seminars engaging interprofessional peers in productive discourse and greater awareness of cultural biases in health care.

## Additional Highlights



### IMSH Conference

iEXCEL team members attended the **Society for Simulation in Healthcare (IMSH) Conference** this month. They explored the latest innovations in simulation technology and engaged in discussions on assessing the efficacy of experiential learning. The team also supported the SimGHOSTS booth at IMSH and promoted the upcoming simulation conference, which will be held at the Davis Global Center on August 1- 4, 2023!

[Learn more](#)



### iEXCEL in the Press

iEXCEL was featured in *Convene* magazine and cited as an influential draw for Omaha as a business and technology destination.

[Read More](#)

### Let's Connect

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

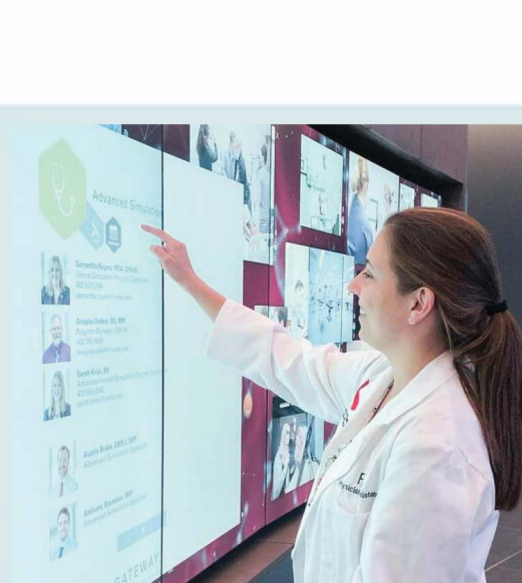
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Please continue to reach out to us directly with questions (see the iEXCEL UNMC app) about how to access staff in the Davis Global Center, especially if you would like support from iEXCEL in creating simulation and visualization scenarios.



We look forward to continuing to innovate with you!

Sincere Regards,

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