iEXCEL Human Performance & Effectiveness
Workgroup Membership

**Benjamin Stobbe**
Associate Vice Chancellor, Clinical Simulation

**Focus:** Faculty development, Patient safety

**Research:** Interprofessional education

**Skillset:** Simulation curriculum development

**CONTACT**
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**Priscilla Rodrigues Alejo, MD**
Assistant Professor, Surgery; Research Scientist

**Focus:** Patient care, Evidence based medicine, DEI

**Research:** Simulation of medical procedures, Educational research, Clinical outcomes

**Skillset:** Mixed methods research, Curriculum development, Biostatistics

**CONTACT**
priscilla.alejo@unmc.edu

**Victoria Kennel, PhD**
Assistant Professor, College of Allied Health Professionals

**Focus:** Organizational psychology, Teamwork, Patient safety

**Research:** Team training, Technology & teamwork

**Skillset:** Quality improvement, Interprofessional Education

**CONTACT**
victoria.kennel@unmc.edu

**Bethany Lowndes, PhD**
Assistant Professor, Department of Neurological Sciences, COM

**Focus:** Measurement & assessment, Technology & communications

**Research:** Interactions between providers, patients, technology & environment

**Skillset:** Surveys, Observation & activity monitoring

**CONTACT**
bethany.lowndes@unmc.edu

**Alicia Schiller, PhD**
Assistant Professor, Anesthesiology; Director, Combat Casualty Care Medicine, UNMC

**Focus:** Anesthesiology research, Combat casualty medicine

**Research:** Human Physiology, Military populations

**Skillset:** Bench-top molecular biology techniques

**CONTACT**
alicia.schiller@unmc.edu

**Tim Guetterman, PhD**
Associate Professor, Interdisciplinary Studies, Creighton University

**Focus:** Health professions education, Health services research

**Research:** Advanced mixed methods, Improving healthcare, Simulation technology

**Skillset:** Research design, Qualitative & mixed methods, Educational research

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**Ashlee Mills Duffy**  
Accreditation Specialist,  
Department Surgery

**Focus**: Curriculum design, Assessment, Accreditation, Grants  
**Research**: Mixed methods, Social Network analysis, Learner experience, Curriculum mapping  
**Skillset**: Faculty development, Quantitative/qualitative analysis, Gap analysis

**Samantha Rogers**  
Clinical Simulation Program Supervisor

**Focus**: Clinical simulation, Curriculum development, Faculty collaboration  
**Research**: Team training, Lecture vs. Hands on  
**Skillset**: Continuing Medical Education, Womens Health simulation training, CAE learning space

**Jenni Bouckhuyt**  
Surgical Simulation Program Supervisor

**Focus**: Patient Safety, Team training  
**Research**: Surgical training, **Skillset**: Quality improvement, Interprofessional Education

**Sarah Kriss**  
Human Patient Simulation Program Supervisor

**Focus**: Simulation, Telehealth, Process Improvement  
**Research**: Simulation communication, Standardized patients, Human Performance  
**Skillset**: Clinic Operation management, Feedback & Communication assessment, CME & Quality Assurance

**David W. Holt, MA CCT**  
Program Director, Assistant Professor,  
Clinical Perfusion Education

**Focus**: Clinical perfusion education,  
**Research**: Clinical practice for perfusion, Clinical simulation, Evolving technology  
**Skillset**: Adult Education

**Amber Mekush**  
Program Associate  
Advanced Simulation

**Focus**: Data Capture/Report Creation, Business Operations, Analytics, Finance, Qualtrics Survey Management  
**Research**: Patient care impact from simulated hands on training  
**Skillset**: Neurodiagnostics, Business Analytics

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Paul Dye
3D Generalist

Focus: Instructional technology, Visualization, Educational studies
Research: Experiential learning, Simulation in visualization, Impact of technology in learning
Skillset: Graphic design, 3D, Holographic, Technology integration, Higher learning educator

Christine Allmon
Director, Visualization Program/ Academy Operations

Focus: Visualization, AR/VR technologies
Research: Curriculum integration of visualization
Skillset: Content creation management

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For more information on research opportunities or general inquiries, contact iEXCEL at iexcel@unmc.edu