

Improving Health Professional Education (HPE) and Practice through Technology - A Workshop

November 16-17, 2017

Keck Center of the National Academies, Room 100
500 Fifth Street NW, Washington DC 20001

DAY 1: November 16, 2017

WORKSHOP OBJECTIVE: To explore effective use of technologies as tools for bridging identified gaps within and between health professions education and practice in order to optimize learning, performance and access in high-, middle-, and low-income areas while ensuring the wellbeing of the formal and informal health workforce.

9:00am	<p>Welcome</p> <ul style="list-style-type: none"> Malcolm Cox, IHPE Global Forum Co-Chair
SESSION I: SETTING THE STAGE	
9:15am	<p>Session 1 Objective: To encourage open sharing of ideas across professions, countries, and sectors within three broad categories designed provide the appropriate tools for training and sustaining a competent health workforce</p> <p>Orientation to the Workshop</p> <ul style="list-style-type: none"> Pamela Jeffries, Workshop Chair <p style="text-align: center;">Opening Addresses</p>
9:30am	<p>Moderator: Ruth Nemire, American Association of Colleges of Pharmacy</p> <p>Using social media to support health professional learning and collaboration in rural and under-served environments</p> <ul style="list-style-type: none"> Christoph Pimmer, University of Applied Sciences and Arts, Northwestern Switzerland <p>Technology Platforms: Questioning Outdated Models</p> <ul style="list-style-type: none"> Catherine M. Casserly, Fellow with the Aspen Institute (via video connection) <p>Current State of Research and Practice in Digital Learning</p> <ul style="list-style-type: none"> George Siemens, Technology Enhanced Knowledge Research Institute, Athabasca University, Canada
10:45am	BREAK
SESSION II: TECHNOLOGY FOR CUSTOMER-DRIVEN WORKFORCE DEVELOPMENT	
	<p>Objective: To explore the use of technology for enabling an improved customer experience—for the learner, consumer, patient, provider, educator, etc.—while considering potential risks that could widen disparities between populations</p>

11:15am	<p style="text-align: center;">Technology-driven Education and Care</p> <p>Moderator: Javaid Sheikh, Weill Cornell Medicine-Qatar</p> <p>How technology enables teaching and learning</p> <ul style="list-style-type: none"> • Katherine McKnight, Center for Evaluation and Study of Educational Equity, RTI International <p>Customer-driven health workforce development using technology</p> <ul style="list-style-type: none"> • Cynthia Walker, Global Medical Education, Field Training & Customer Insight, CRHF, Medtronic <p>Discussion/Q&A: Each table talks amongst themselves and comes up with a group question for each of the speakers</p>
12:15noon	LUNCH
1:15pm	<p style="text-align: center;">Innovators: Rapid Fire Poster Session</p> <p>Moderator: Eric B. Bauman, Clinical Playground, LLC</p> <p>Example 1: Digital Clinical Experiences, Shadow Health, Inc – Benjamin Lok & Rob Kade Example 2: vSim® for Nursing, Laerdal Medical Corporation– Jeanie Staton & Robin McCune Example 3: ReelDx, Transforming Healthcare Education with Real Patient Video – Bill Kelly Example 4: Filament Games – Dan Norton Example 5: KATS, a Knowledge Acquisition & Testing System – Andrea Parodi Example 6: EVMS, a pioneer in simulation based education – Geoff Miller Example 7: PeriopSim: Simulation training for OR Nurses – Angela Robert</p> <p>Participants are free to wander around the room to ask individual presenters questions</p>
2:45pm	BREAK
3:15pm	<p style="text-align: center;">Leveraging Technology for Solving Problems</p> <p>Speaker/facilitator: Eric B. Bauman, Clinical Playground, LLC</p> <p>Participants at each table will talk with each other and an innovator to come up with one problem and how technology could aid the solution</p>
4:00pm	<p style="text-align: center;">Two sides to Technology: Stories from Around the Globe</p> <p>Moderator: Emilia Iwu, Rutgers University & Jonas Nurse Scholar</p> <ul style="list-style-type: none"> • Radhika Shah, Stanford Angels and Entrepreneurs (via video connection) • 5min table discussion for a group question or comment • Radhika Shah’s closing remarks <p>Discussion</p>
4:45/5 pm	ADJOURN

DAY 2: November 17, 2017

<i>A continental breakfast will be available starting at 7:30am</i>	
7:30am	Breakfast
SESSION III: TECHNOLOGY INNOVATION FROM EDUCATION TO PRACTICE	
	<p>Welcome</p> <ul style="list-style-type: none"> • Susan Scrimshaw, IHPE Global Forum Co-Chair
8:00am	<p style="text-align: center;">Innovation in e-Care Delivery</p> <p>Moderator: Pamela Jeffries, Workshop Chair</p> <ul style="list-style-type: none"> • Diane Skiba, University of Colorado Denver <p>Questions & Answers</p>
8:30am	<p style="text-align: center;">Bridging the education to practice divide with technology</p> <p>Moderator: Christoph Pimmer, Workshop Vice-chair</p> <ul style="list-style-type: none"> • Paul Worley, Flinders University, South Australia (via video connection) <p>Interactive Discussion</p>
9:15am	BREAK
9:45am	<p style="text-align: center;">Applying NIH Research in the Virtual Space to a Practice Environment</p> <p>Moderator: Micki Cuppett, Athletic Training Strategic Alliance</p> <p>Panelists:</p> <p>The Immersive Virtual Environment Testing Area</p> <ul style="list-style-type: none"> • Susan Persky, National Human Genome Research Institute <p>VR to study motor learning</p> <ul style="list-style-type: none"> • Sunbin Song, National Institute of Neurological Disorders and Stroke <p>Virtual preparedness training</p> <ul style="list-style-type: none"> • Victor Cid, National Library of Medicine <p>Panel Discussion</p>
SESSION IV: THE WAY FORWARD	
10:45am	<p style="text-align: center;">Take Home messages</p> <p>Facilitator: Pamela Jeffries, Workshop Chair</p> <p>Each table comes up with one take-home message to share</p>
11:00am	ADJOURN