ED TECH
Challenges and Opportunities

Dr. Diana D. Woolis
Conference Presentation
March 1, 2017
ED TECH TRENDS YOU ARE FAMILIAR WITH...
• **Social** - online experience support multiple modes of real-time communication similar to social networks students and faculty use in their personal lives.

• **Personalized** – learning is individualized for each student based on specific strengths, needs, student interests, and goals.

• **Contextualized** - students learn by applying content and theory to their own experiences and real-world issues.

• **Mobile** - either alone or combined with other technologies to enable learning anytime and anywhere by accessing resources, connecting with others, or creating content.

• **Micro Learning** - teaching and delivering content to learners in small, very specific bursts.

• **Micro Credentialing** – using block chain and badging to acknowledge achievement and establish qualifications.

• **Data-informed** - creating learning environments that generate synergies between learning analytics and learning design for real-time adjustment and long-term iterative improvement.
Almost 69 million teachers need to be recruited around the world by 2030 if international pledges on education are to be kept. (UNESCO)
Professional development is the future of educational quality and equality.

Sustainable learning is the future of professional development.
THE NEXT WAVE OF ED TECH MUST BE...
SUSTAINABLE

- Communities that produce value
- Reflection that improves performance
- Analytics that produce data for action, innovation, and improvement
- Knowledge Exchange that facilitates the adaptation of "what works"
- Content that is open and contextualized

EFFECTIVE

- Competencies and Standards
- Training and Professional Development
- Monitoring and Support for continuous improvement
- Recognition and validation of applied learning
Sustainable

Reflection That Improves Performance

- Work-Embedded- Professional learning that is grounded in day-to-day practice with the intent of improving student learning

- Inquiry-Based

- Personalized

- Peer-to-Peer

- Scaffolded
Work-Embedded

Teacher learning that is grounded in day-to-day teaching practice and designed to enhance teachers’ content-specific instructional practices with the intent of improving student learning.
DESIGN PRINCIPLES
Principle One

URGENT AND SPECIFIC
Principle Two

TECHNOLOGY IS A TOOL

Focus on the educational problem you are solving, not the tech’s WOW factor.
**Principle Three**

**DESIGN WITH TEACHERS**

*We do not learn from experience, we learn from reflecting on experience.* John Dewey

Post an experience-implementing, participating, or designing-professional practice improvement. Engage with others who have posted: ask questions, suggest resources, probe assumptions. Respond to people who comment on your post. Be curious and kind.

<table>
<thead>
<tr>
<th>Member</th>
<th>Practice</th>
<th>Practice Title</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

learning.careyinstitute.org
and BUILD COMMUNITY

- Baltimore County Community College, MD
- Bunker Hill Community College, MA
- Delta College, MI
- Foothills Community College, CA
- Kapi'olani Community College, HI
- LaGuardia Community College, NY
- Monroe Community College, NY
- Northern Virginia Community College, VA
- Patrick Henry Community College, VA
- Phoenix College, AZ
- South Texas College, TX
- Sinclair Community College, OH
- St. Louis Community College, MO
The Future of Professional Learning

HOPE²U

Humanitarian Open Professional Education for Educators
HOPE²U ONLINE

• Digital Practice Lab: Share, reflect, and categorize experience to improve performance, build individual and organizational knowledge, and is data informed

• E-portfolio: Dynamic document that demonstrates progress and excellence and can include a range of content types

• Micro-Learning: Micro-Courses and Micro-Credentialing that provides teachers with an opportunity to gain recognition for skills they develop throughout their careers

• Community of Professional Practice for Members of HOPE²U

learning.careyinstitute.org
Starting with teachers of refugees

MARCH 14-16, 2017
ACTION FOR TEACHERS OF REFUGEES

Help improve teacher professional development and education delivery for teachers around the world and learners of all ages.

REGISTRATION CLOSES MARCH 3, 2017 - You must be registered to participate

LEARN MORE

learning.careyinstitute.org
PLEASE JOIN THE CONVERSATION NOW!
https://learning.careyinstitute.org

SHOWCASE YOUR PLATFORM
https://learning.careyinstitute.org/challenge/
And remember

• Talk to teachers
• See education in practice
• Test your idea in the field with educators, not on them
• Evaluate the impact of your innovations in real-life educational contexts
• Respect time – theirs, yours, and what it takes to get it right

THANK YOU شكرًا