

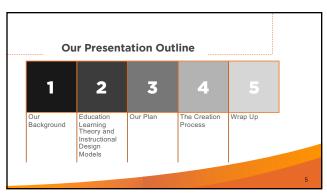


**Presenters have NO financial** disclosure or conflicts of interest with the material in this presentation.

**OBJECTIVES DISCUSS IDENTIFY IMPLEMENT** an instructional design model that serves as a educational technology in the creation of educational theories that impact effective simulation professional methodology for development strategies. developing simulation development materials. onboarding and professional development online modules.

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### **Original Professional Development Plan**

- · Created sessions as Face to face
- · Implemented on dates and times identified
- Poor attendance
- · Focus group/individual queries

**Our Reflections and Continued Needs** 

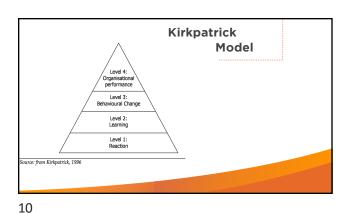
- · Continued individual mentoring
- Identified core knowledge based on our mission and cohort
- Identified need for attendance flexibility and more incentives
- Deducted that asynchronous platform best but had no expertise to create

7

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# Professional Development Literature in Simulation

- Novice to expert
- Core knowledge base for educators
- Primary examples synchronous
- Large gaps identified



9

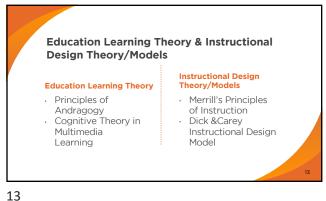
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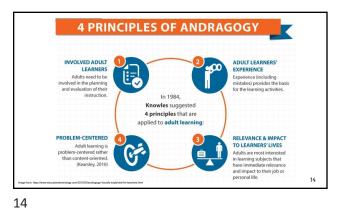
## What Now?

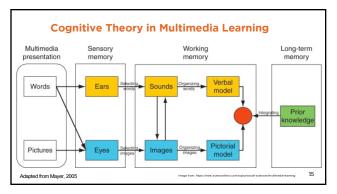
# Multi- option professional development:

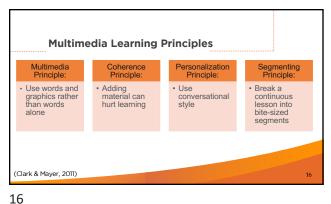
- Emphasis on asynchronous
- Online modules for foundational training
- Mentoring and self assessment
- Webinars
- Incentive programs- digital badging
- Virtual Journal Club

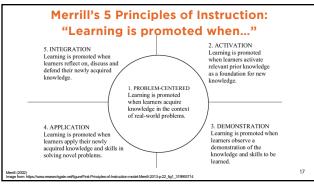
2. Education
Learning Theory and
Instructional Design
Models

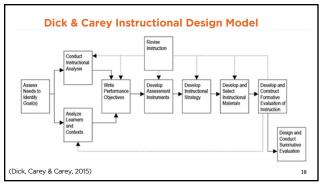






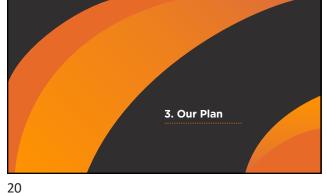






### **Elements of Module Development**

- Needs Assessment
- Goals and Objectives
- · References/Instructional materials
- Storyboarding
- Module creation
- Review/Evaluation/Feedback
- Revise
- Dissemination



19

The Start of Our Process

Updated needs assessment (following original plan)
Audience needs
Goals and objectives determined
Determining sentinel references for content

Storyboarding
How – from F2F ppts to scripting "need to know only" information for migration into online module software

4. The Creation Process

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# Creation of Online Modules: Software Considerations

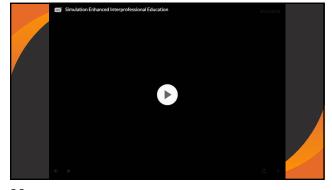
- Variety of instruction authoring tools exist, but consider your needs
- What e-learning authoring tools does your institution have access to?
- Your experience or your teams experience in using authoring software
- How will your learners access your end product?

# Examples of E-Learning Authoring Software Adobe Captivate Articulate 360 Easygenerator Elucidat iSpring Suite Lectora Powerpoint TurningPoint

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# **Authoring Software Capabilities**

- Responsive end product that adapts to a variety of devices
- Instructional interactions/activities
- Build from Powerpoint templates
- Insert videos, images, avatars, audio, etc.
  - Image and icon library
- Offers logic and other advanced controls and animation
- Embedded assessment functions



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### **Our Review and Revision Process**

- First draft sent to team peers for review; revisions made
- Second draft sent to sample of intended audience (faculty sim educators); revisions made
- Final draft uploaded to LMS; feedback solicited from sim educators as modules are completed

5. The Wrap Up

27 28

# **Crash Course Take Aways**

- Benefits and challenges of online learning development
- What you need to make this happen- or " what you tell your boss you need to make it happen"
- Other resources within your community or campus that may assist with development (instructional designer, local community college or instructional design program)

# **Crash Course Take Aways**

- Adding team members that have different skills- Educationalist role / Consider adding an instructional designer to a sim team
- How we as a sim community can help each other- peer reviewers, sharing strategies

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