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**Graduate Medical Education:
A role for
Standardized Curricula (tools)**

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Faculty Disclosure

	Nature of Affiliation
• Anesthesia Toolbox	Editor

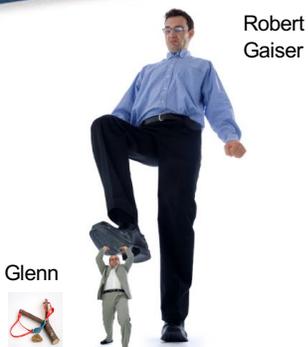**Off-Label Product Usage**

• None

Learning Objectives

- Identify the roots of current trends in education

- Define the need for standardized tools and resources to enable standardized and personalized education innovation

- Understand the challenges facing innovation in GME

Thanks SAAA 2016

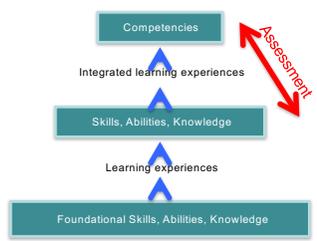Robert Gaiser

Glenn

Industrialization of Education

"Our K-12 system largely adheres to the century-old, industrial-age factory model of education"

US Secretary of Education Arne Duncan 2010.

Competency-based Education

- Learners enter with different levels of competency

- Granular descriptions of skills, behaviors and knowledge

Competencies

Integrated learning experiences

Skills, Abilities, Knowledge

Learning experiences

Foundational Skills, Abilities, Knowledge

Assessment

National Postsecondary Education Cooperative working group on competency-based initiatives in postsecondary education. Defining and Assessing Learning: Exploring competency-based initiatives. http://nces.ed.gov/pubsearch/

Personalized Education: Learner Centric

- Individually paced
- Self-directed
- Blended learning is the enabler
- Learning is adaptive
- Traditional class is problem solving

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What about at Personalized Learning at the Programmatic Level?

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- Traditional class is problem solving

Do we need Standardized Curricula at the programmatic level?

Benefits of a Curricula

- Supports self-directed learning
- Specifies learning outcomes
- Identifies appropriate resources

Blended Learning: Implementing Personalized Education

- Curricula as a study guide
- Supports self-directed learning
- Vetted (standardized) content

KHAN A C A D E M Y

For Anesthesia Training!

Social Media Tools in GME

- Blog
- Broadcast
- Follow
- Asynchronous discussion
- Groupware
- Social relevancy

Challenges Facing GME

- **Patient care drives revenue** (teaching is a cost center)
- **Financial constraints**
  - Harder to obtain grant funding
  - Reduced federal funding for GME
  - Reduced clinical revenue

Anesthesia Education Office

Albanese M, Mejicano G, Gruppen L. Competency-based medical education: a defense against the four horsemen of the apocalypse. Acad Med. 2008;83:1132-1139.

We have to Work Together

Summary

- Personalized Education is important
- Standardized curricula and blended learning are necessary
- Fantastic opportunities
- Big challenges
- Cooperation is an absolute must