Immersive Learning is the New Frontier

Lisa Forrest, Director, Research & Instructional Design
Kyle Burnham, Educational Technologist, Digital Media Specialist
Ben Salzman, Educational Technologist, Digital Media Specialist
Hamilton College
Hamilton College

Located in Central New York

Enrollment: 1850 students

Residential, “high-touch”- 34% of classes have 9 or fewer students; 76% have 19 or fewer students
HP-Educause Campus of the Future Project:

What are the modalities that hold the greatest potential to improve learning outcomes, enhance student engagement, and improve faculty satisfaction?
Dream a Little Dream: Virtual Realities in Literature

- This course “introduces students to the representation of virtual worlds in literature, and how these ‘dreamscapes’ have transformed our understanding and experience of the ‘real.’”
- The course goals include having students explore emerging technologies “in order to interrogate how the literary texts represent and problematize the paradigmatic relationship between the so-called real world and the dreamscape.”
- Engaging with this, students will create virtual realities of their own, familiarizing themselves with the contemporary technology to do so.
Dream a Little Dream: Virtual Realities in Literature

- Easy and Accessible Ways to Make Virtual Objects
  - Oculus Medium and MakePro VR
  - TinkerCAD.com
  - Structure Sensor 3D Scanner

- Unity Templates
Unpacking My Library: The Book in Augmented Reality

Easy-to-use technologies that made this project possible:

- Aurasma / HP Reveal
- Sprout Pro G2
To view the augmented reality elements of this book, please:

1. Download HP Reveal (formerly Aurasma) from the iTunes or Google Play Stores.

2. The app will open to the Viewer. Tap the search icon at the bottom of the view screen to get to the Explore page, at the bottom of which you’ll find another search icon that will take you to the Search page.

3. Search for rid.hamilton. From the results, select rid.hamilton’s Public Auras, and click follow.

4. Return to the HP Reveal Viewer to explore the book.
Equipment
Exploring Musical Performance for AR and VR
Conducting 310
GeoSciences 3D Mineral Scanning Project
Best Practices for Bringing VR-AR into the Classroom...
"THE ONLY SOURCE OF KNOWLEDGE IS EXPERIENCE."

-Albert Einstein