Learning in the **Social Information Age: Remix and Collaboration**

John M. Scott, UC Berkeley
“Learning is a remarkably social process. Social groups provide the resources for their members to learn.”

John Seely Brown and Paul Duguid, *The Social Life of Information*
Pre-digital information economy

High “cost” of information
Digital information abundance

Collect, archive, and share data
Information flows through nodes
COLLABORATION
- Group composing
- Resource sharing
- Asynchronous dialogue
- Messaging
- Video conference
- Artificial intelligence

REMIX
- Recontextualizing media
- Combining media
- Cultural & political participation (memes)
REMIX

Curation Practices
Multimodal Literacy
Critical Dispositions
Global Discourses

COLLABORATION
Curation Practices

Searching, archiving, and re-contextualizing information.
Beyond print-text. **Synthesizing image, video, emojis, multimedia.**
Fact-checking content, sources; Network bias and algorithms.
Global Discourses

Diverse cultural perspectives, Empathy for distant others.
Implications for **Online Education**

**Active learning:**
- Creative activities
- Peer-centered
- Analytics-driven

“Another video???”
A social learning system: SuiteC

Share, Search & Discuss media
Remix, Design, Co-Create media
Gamification to motivate

Asset Library
Whiteboards
Engagement Index
Asset Library

Add media  View media

Comment on media
Whiteboards

- Design
- Remix "assets"

Chat & Collaborate

Brainstorm
Engagement Index

**Customize activity points**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Points</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add a new asset to the Asset Library</td>
<td>4</td>
<td>Disable</td>
</tr>
<tr>
<td>Like an asset in the Asset Library</td>
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<td>Disable</td>
</tr>
<tr>
<td>Receive a like in the Asset Library</td>
<td>2</td>
<td>Disable</td>
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<tr>
<td>Comment on an asset in the Asset Library</td>
<td>2</td>
<td>Disable</td>
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<tr>
<td>Receive a comment in the Asset Library</td>
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<tr>
<td>Submit a new assignment in Assignments</td>
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<tr>
<td>Add a new topic in Discussions</td>
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<td>Disable</td>
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</table>

**Compare to class**

Engagement Index

- **MY RANK**: 1
- **MY POINTS**: 72

**Leaderboard**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Name</th>
<th>Points</th>
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<tbody>
<tr>
<td>1</td>
<td>John Scott</td>
<td>72</td>
</tr>
<tr>
<td>2</td>
<td>Linda Swanson</td>
<td>41</td>
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<td>3</td>
<td>Robert Johnson</td>
<td>28</td>
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<td>4</td>
<td>Jan Carter</td>
<td>24</td>
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</table>
New: **Impact Studio**

Social analytics dashboard to increase feedback

Activity Timeline
Your individual actions and others' responses to your actions over time.

Contribution Activities you do
- Views/Likes (322)
- Interactions (11)
- Creations (85)

Impacts Others responding to your activities
- Views/Likes (178)
- Interactions (16)
- Reuses

Total Activities: Contributions | Impacts
All of your actions compared with the actions of others

My Contributions
- Views
- Likes

Compared to Everyone
- Views
- Likes
- Comments
- Add Assets

Add Assets
Add asset or add asset to whiteboard
On average, people in this course have added 8 assets (11% of their total contributions).

Social Network Visualization
Pedagogy: **Radial Learning**

Recursive learning arcs in weekly modules

- Inspire
- Explore
- Connect
- Remix
- Reflect
Challenges for Online Education

How do we **scale** peer to peer learning models?
How do we **assess** creative, multimodal work?
How do we create **inclusive** global communities?
<table>
<thead>
<tr>
<th>Sources</th>
<th>Networked Learning</th>
<th>Multimodal Literacies</th>
<th>Remix: Text and Literacy</th>
<th>Learning Analytics (LA)</th>
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<tr>
<td></td>
<td><strong>“Connectivism”</strong> George Siemens &amp; Stephen Downes</td>
<td><strong>“Multimodality”</strong> Gunther Kress</td>
<td><strong>“Hybrid”</strong> Knobel &amp; Lankshear</td>
<td><strong>“LA Overview”</strong> Long &amp; Siemens</td>
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<td><strong>“Energy”</strong> Tavares</td>
<td><strong>“Critical LA”</strong> Scott &amp; Nichols</td>
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<td></td>
<td><strong>“Social LA”</strong> Buckingham-Shum &amp; Ferguson</td>
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*(re)Sources*
This project is funded by the National Science Foundation, and is carried out in collaboration the University of Pennsylvania and the College of New Jersey. It has been developed by a product team at Educational Technology Services.