Just In Time Medicine
Developing & delivering content for the shared discovery curriculum
Gary Ferenchick

Background & Technology
Just In Time Medicine (or JIT) is a self-service content management system, enabling users to build customizable curricular content, assessment tools, and logging capabilities. JIT is cloud-based, and developed with a responsive web design, thus it functions effectively on tablets and laptop computers and on mobile devices. JIT has been a key resource for MED 608 for several years, and will be leveraged as the platform for the delivery of the new curriculum.

Content
JIT facilitates the efficient development and distribution of customizable curricular content. As a first application, JIT leveraged the Clerkship Directors in Internal Medicine (CDIM) national curricular learning objectives which detail the specific knowledge, attitudes and skills necessary for successful clinical encounters by medical students evaluation patients with established signs, symptoms or established diagnoses. Content is organized and displayed in flexible ways, including:

- Expandable tree structure by Critical Complaints and Concerns
- Alphabetical
- Diseases students should really know about
- Quick Reference Tables
- Example display of content

JIT Use Data 2014

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sessions</td>
<td>46,877</td>
</tr>
<tr>
<td>Users</td>
<td>30,402</td>
</tr>
<tr>
<td>Pageviews</td>
<td>225,171</td>
</tr>
<tr>
<td>Pages / Session</td>
<td>4.80</td>
</tr>
<tr>
<td>Average session duration</td>
<td>4:02</td>
</tr>
<tr>
<td>% New Sessions</td>
<td>64.23%</td>
</tr>
</tbody>
</table>

Source: Google Analytics

To access JIT: www.justintimemedicine.com

To do:
- Enhance the current design to accommodate efficient student and faculty access to CCC content by objectives and by ECE, MCE and LCE levels
- Enhance JITs authoring environment to allow anyone with average computing skills to author curricular content (Estimated April 1, 2015)
- Meta-tagging content for curricular mapping
- Work with content experts to develop and enter content for ECE
- Establish protocols for peer-review of content