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Information Resource Use Among Iowa Pharmacy Preceptors

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Background and Objectives
• The University of Iowa College of Pharmacy and Hardin Library for the Health Sciences are considering creating online training modules for pharmacy preceptors which cover the effective and efficient use of library and information resources.

• As a first step, we conducted a needs assessment survey to determine which resources preceptors are using and what other training they are receiving on information resources and concepts.

Methods
• 23-question online survey consisting of multiple-choice and fill-in-the-blank questions.
• Survey e-mailed to approximately 500 preceptors affiliated with the College of Pharmacy in May, 2007.
• 125 responses received (25% response rate).

Results

Which resources are easily accessible at your location?

<table>
<thead>
<tr>
<th>Resource</th>
<th>Ranked 1st</th>
<th>Ranked 2nd</th>
<th>Ranked 3rd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drug Facts and Comparisons</td>
<td>45%</td>
<td>20%</td>
<td>35%</td>
</tr>
<tr>
<td>Micromedex</td>
<td>44%</td>
<td>21%</td>
<td>35%</td>
</tr>
<tr>
<td>Orange Book</td>
<td>55%</td>
<td>16%</td>
<td>29%</td>
</tr>
<tr>
<td>Physicians’ Desk Reference</td>
<td>61%</td>
<td>12%</td>
<td>27%</td>
</tr>
<tr>
<td>Drug Information Handbook</td>
<td>78%</td>
<td>9%</td>
<td>13%</td>
</tr>
<tr>
<td>PubMed</td>
<td>55%</td>
<td>21%</td>
<td>24%</td>
</tr>
<tr>
<td>Drug Interaction Facts</td>
<td>46%</td>
<td>22%</td>
<td>32%</td>
</tr>
<tr>
<td>AHFS Drug Information</td>
<td>37%</td>
<td>31%</td>
<td>32%</td>
</tr>
<tr>
<td>Lexi-Comp</td>
<td>44%</td>
<td>22%</td>
<td>34%</td>
</tr>
<tr>
<td>USP DI</td>
<td>43%</td>
<td>10%</td>
<td>47%</td>
</tr>
<tr>
<td>Handbook of Nonprescription Drugs</td>
<td>49%</td>
<td>18%</td>
<td>33%</td>
</tr>
<tr>
<td>Clinical Pharmacology</td>
<td>45%</td>
<td>20%</td>
<td>35%</td>
</tr>
<tr>
<td>Natural Medicines Comprehensive Database</td>
<td>44%</td>
<td>21%</td>
<td>35%</td>
</tr>
<tr>
<td>Iowa Drug Information Service</td>
<td>45%</td>
<td>20%</td>
<td>35%</td>
</tr>
<tr>
<td>Review of Natural Products</td>
<td>50%</td>
<td>10%</td>
<td>40%</td>
</tr>
<tr>
<td>Other</td>
<td>55%</td>
<td>10%</td>
<td>35%</td>
</tr>
<tr>
<td>International Pharmaceutical Abstracts</td>
<td>33%</td>
<td>33%</td>
<td>34%</td>
</tr>
<tr>
<td>Mosby’s Drug Consult</td>
<td>44%</td>
<td>22%</td>
<td>34%</td>
</tr>
<tr>
<td>Nonprescription Drug Therapy</td>
<td>28%</td>
<td>28%</td>
<td>44%</td>
</tr>
</tbody>
</table>

How often do you teach students to use drug information (DI) resources?

- Very often: 23%
- Somewhat often: 30%
- Rarely: 41%
- Never: 6%

How often do you learn new things about DI from students?

- Very often: 42%
- Somewhat often: 17%
- Rarely: 39%
- Never: 2%

How interested are you in receiving CE on drug information concepts?

- Very interested: 51%
- Somewhat interested: 23%
- Not very interested: 9%
- Not interested: 17%

How many times have you received post-graduation training on how to find drug information?

- Yes: 45%
- No: 55%

If so, where did you receive it?

- Live CE: 44%
- Vendor Session: 15%
- Other: 44%
- Print CE: 16%
- Online CE: 16%

Have you received post-graduation training on how to use DI resources?

- Yes: 78%
- No: 22%

If so, where did you receive it?

- Live CE: 61%
- Vendor Session: 46%
- Other: 32%
- Print CE: 24%
- Online CE: 18%
- Other: 18%
- Summer: 11%
- Winter: 10%

Future Directions
• Design of the online resource- and concept-focused training modules will begin Summer, 2008. CE credit for participation is being investigated.

• We have applied for an NLM Knowledge Management and Applied Informatics grant to expand the training to include preceptors in medicine and nursing and to create a customized portal which would include search tools and focused resource lists along with the training modules.