The University of Illinois at Urbana-Champaign
Rare Book and Manuscript Library Mold Remediation

AIC Book & Paper Group
Archives Conservation Discussion Group 2009

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The project in numbers

<table>
<thead>
<tr>
<th></th>
<th>Conservation/Preservation</th>
<th>RBML</th>
<th>Administration</th>
<th>Facilities</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>preliminary</td>
<td>293</td>
<td>128</td>
<td>21</td>
<td>18</td>
<td>460</td>
</tr>
<tr>
<td>cleanup</td>
<td>348</td>
<td>1,587</td>
<td>0</td>
<td>0</td>
<td>1,935</td>
</tr>
<tr>
<td>ongoing</td>
<td>109</td>
<td>769</td>
<td>2</td>
<td>0</td>
<td>175</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>750</strong></td>
<td><strong>2,484</strong></td>
<td><strong>23</strong></td>
<td><strong>18</strong></td>
<td><strong>3,275</strong></td>
</tr>
</tbody>
</table>

Total Project Costs

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMS CAT cleaning</td>
<td>$800,000</td>
</tr>
<tr>
<td>equipment (dehumidifiers/vacuum/dataloggers)</td>
<td>$4,440</td>
</tr>
<tr>
<td>stabilization supplies + pamphlet binders</td>
<td>$38,610</td>
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<tr>
<td>staff time (equivalent $ as of 5/2009)</td>
<td>$58,223</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$901,273</strong></td>
</tr>
</tbody>
</table>

Various Numbers from the Project

- 300,000+ items vacuumed
- 31,000 yards of string tie
- 6,200 archival pamphlet binders
- 1,100 pairs of gloves
- 1,000 sheets of binder board
- 800 Tyvek suits
- 200 pounds of microfiber cloths
- 25 extension cords
- 20 gallons of Microban
- 12 Microtrap 2000 Air Filtration units
- 8 Nilfisk HEPA vacuums

Challenges

- Security
- Compact shelving
- Lack of electricity in vault area
- No elevator between the two levels
- Various non-book formats
  - Framed artwork
  - Audiovisual materials
  - Sculptures
- Nature of materials
  - Age
  - Fragility
  - Incunabulum
  - Vellum distortion