Breaking Out of the Box: Bringing Voyager To Users on Their Terms and on Their Turf

Jim Robertson, New Jersey Institute of Technology

&

Kurt Wagner, William Paterson University
Libraries and Portals

... portals create the beginnings of a one-stop shopping place for people’s information needs. If librarians do not want to become increasingly irrelevant, then it behooves them to make their content easily available to such [portals] ...

... libraries have the potential to be front and center in the minds of patrons. Otherwise, “out of sight and out of mind” ...

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David and Lorraine Cheng Library
Wayne, NJ 07470 USA

Sundays Noon - 5:00 PM

Find a Book - search for books & articles
Find an Article - indexes & databases

Library Resources - Please select...

Suggest Library
This page is maintained by the Library.
Please contact us with suggestions.

Welcome KURT WAGNER
You are currently logged in.

My Account
Content/Layout
Channel Admin

My Academics Channel
- My Advisor
- Analysis of My Academic Program
- My Class Schedule
- My Registration Status

Academics Quick links
- Academic Support
- Advisement
- Book Store
- E.O.F Program
- Scholarships and Grants
- Special Programs
- Undergraduate Catalog
- Graduate Catalog

Request Research Assistance
schedule one-on-one Librarian

Search for books and media in the Library

Search for Articles
Go to full database list to do a more complete search.

WPUNJ Google Search

Search Engine

Search WWW Search wpunj.edu

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Search OPAC directly from web page

Find Books & Media - [Search]
Quick Search [Select search type or Advanced Search]

Find Articles, databases, full-text & other information

Course Resources | Libraries | Style/Citation Guides | Schedule Research Help
Fast Facts | Library A to Z | Suggest New Materials
Reserve Materials | Periodicals/Journals | What's New?

This page is maintained by the Library's Electronic Resources Committee. Please contact us with suggestions or comments. Last update: April 19, 2005 2:23 PM

Library Activities Calendar
The OPAC search offers all of the usual indexes to provide the maximum utility and functionality.

Direct access to ADVANCED SEARCH is also available.
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- `<form name="querybox" action="http://cheng.wpunj.edu/cgi-bin/Pwebrecon.cgi" method="get">`  
- `<B><FONT FACE="Arial, Helvetica, sans-serif">`  
- Find Books &amp; Media `<B>/`<BR>`  
- `<INPUT NAME="Search_Arg" SIZE="20" MAXLENGTH="100" />`  
- `<INPUT TYPE="submit" CLASS="searchbutton" VALUE="Search" NAME="submit" /`<BR>`  
- `<SELECT NAME="Search_Code" SIZE="1"> `<OPTION selected VALUE="FT*">Quick Search</OPTION>`  
- `<OPTION VALUE="TALL">Title</OPTION>`  
- `<OPTION VALUE="NAME">Author (Last Name First)</OPTION>`  
- `<OPTION VALUE="JALL">Journal Title</OPTION>`  
- `<OPTION VALUE="SUBJ+">Browse Subjects</OPTION>`  
- `<OPTION VALUE="NAME+">Browse Authors</OPTION>`  
- `<OPTION VALUE="CALL+">Browse Call Numbers</OPTION>`  
- `<OPTION VALUE="CMD">Advanced Search</OPTION>`  
- `</SELECT>`  
- `<INPUT TYPE="hidden" NAME="CNT" VALUE="25" />`  
- `<INPUT TYPE="hidden" NAME="DB" VALUE="local" />`  
- `<INPUT TYPE="hidden" NAME="HIST" VALUE="1" />`  
- `<FONT SIZE="-2" FACE="Arial, Helvetica, sans-serif"><IMG SRC="images/orangearrow.gif" WIDTH="17" HEIGHT="15" ALIGN="MIDDLE" ALT="orange arrow graphic">`  
- `&nbsp;Select search type or <A HREF="http://cheng.wpunj.edu/cgi-bin/Pwebrecon.cgi?DB=local&amp;PAGE=bbSearch">Advanced Search</A>`  
- `Search</A></FONT>`  
- `</form>`
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**Title:** William Paterson: Enhancing Functionality of Webpage & Portal

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**Image:**

An image of a webpage from William Paterson University's WPConnect portal is shown. The page includes links to various sections such as My Account, Outlook Email, Academics, Student Services, Student Life, Blackboard, Faculty, Blackboard, Employee, NEWS, and Sample. The main content area displays the David & Lorraine Cheng Library, which offers options for researching assistance and searching for articles. A Google search bar is also visible, allowing users to search for information on the WPUNJ website.

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**Text:**

William Paterson: Enhancing Functionality of Webpage & Portal

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**Diagram:**

A diagram of a webpage from William Paterson University's WPConnect portal is shown. The page includes links to various sections such as My Account, Outlook Email, Academics, Student Services, Student Life, Blackboard, Faculty, Blackboard, Employee, NEWS, and Sample. The main content area displays the David & Lorraine Cheng Library, which offers options for researching assistance and searching for articles. A Google search bar is also visible, allowing users to search for information on the WPUNJ website.
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<form NAME="querybox"
ACTION="http://cheng.wpunj.edu/cgi-bin/Pwebrecon.cgi"
method=get
AUTOCOMPLETE="OFF">
<INPUT type="hidden" name="DB" value="local">
<B><font class="uportal-channel-text">
Search for books and media in the Library</font></B>
<input type="text" size="30" name="Search_Arg" value="" maxlengt="80">
<input type="hidden" name="CNT" value="10">
<input type="hidden" name="Search_Code" value="FT*">
<INPUT type="submit" value="Go" > </FORM>
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<B> <a href="http://cheng.wpunj.edu:20018/" class="style1">Search for Articles</a></B>
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ColdFusion script
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Personal Information

KURT W. WAGNER
Library 107E
Wayne, NJ 07470

Primary: 97337202285

Patron Blocks

No blocks

Charged Items

<table>
<thead>
<tr>
<th>Renew?</th>
<th>Item</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Garrett, George P., 1829- Cold ground was my bed last night. Location: 2nd Floor - Circulating PZ4.G2238 Co</td>
<td>Charged. Due 05-19-05</td>
</tr>
<tr>
<td></td>
<td>Lovecraft, H. P. (Howard Phillips), 1890-1937. At the mountains of madness, and other novels / H.P. Lovecraft; selected by August Derleth; with notes edited by S.T. Joshi; and an introduction by James Turner. Location: 2nd Floor - Circulating</td>
<td>Charged. Due 05-19-05</td>
</tr>
</tbody>
</table>
### Fines and Fees - Contact Lending Services for more information.

<table>
<thead>
<tr>
<th>Date</th>
<th>Item</th>
<th>Fee/Posting Type</th>
<th>Fee</th>
<th>Posting</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>03-22-05</td>
<td>Biology / Neil A. Campbell.</td>
<td>Overdue</td>
<td>6.25</td>
<td></td>
<td>6.25</td>
</tr>
<tr>
<td>03-22-05</td>
<td>Introduction to chemical principles.</td>
<td>Overdue</td>
<td>7.75</td>
<td></td>
<td>7.75</td>
</tr>
<tr>
<td>08-27-03</td>
<td></td>
<td>Bounced Check</td>
<td>20.00</td>
<td></td>
<td>9.75</td>
</tr>
<tr>
<td>06-29-04</td>
<td></td>
<td>Payment-Cash</td>
<td>0.25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>05-26-04</td>
<td></td>
<td>Payment-Cash</td>
<td>10.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Amount Due</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>23.75</td>
</tr>
</tbody>
</table>
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To Do List:

• See if we can apply techniques such as those presented by Ken Herold of Hamilton College to bring additional data into the portal

• Increase the functionality of ENCompass in our webpage and portal
Portals example (UDel)

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Portals example (Hamilton)

Fines, overdues, and pending requests pushed out from Voyager
Libraries and Portals

Millennials (or NextGens) are:

- Format agnostic
- Nomadic
- Multitasking
- Experiential
- Collaborative
- Integrated
- Principled
- Adaptive
- Direct

Book covers in the NJIT library catalog
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Book covers in the catalog

In the /m1/voyager/XXXXdb/etc/webvoyage/local/display1.cfg file:

Holdings information: +No data available -- ask at the reference desk
9000


HTML:020|a:<font face="verdana"><b><a href="javascript:openpopwin('http://www.library.njit.edu/apps/voyagerdb/voyager-added-services.cfm?isbn={a}')">ADDED SERV ICES</a></b></font>


(Passes the ISBN as a variable to external ColdFusion pages. ColdFusion pages gather info based on that ISBN and then dynamically create the page for the user.)
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Display page

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shortcut page

Allows users to code “shortcut” searches into Voyager without having to know all the “cgi-bin/Pwebrecon.cgi syntax.”

» www.library.njit.edu/catalog/shortcut.cfm?isbn=0300093837
Virtual new books shelf

Images pulled from our book cover image repository

Metadata grabbed on-the-fly from our ILS

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Virtual new books shelf

Display on library web page, also. Random book each time page is loaded.

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Usage statistics
Usage statistics

- Lists each loan, day borrowed and returned, days out, renewals, borrower class.
- Lists each copy’s location and circ type. Also date added to collection.
- Summarizes days available vs. days borrowed.

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Usage statistics

Potential to be used for:

- Purchase and acquisition of additional or replacement copies
- Weeding
- Migrating on or off reserve
- Changing lending terms
- Adjusting book budgets
- Calculating “popularity” for search results display
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More like this
Jonathan Schwartz, President and COO of Sun Microsystems commented at the Supernova 2004 conference that as college students used to bring stereo equipment to school, now they inevitably bring increasingly sophisticated IT technology.

» http://www.itconversations.com/transcripts/159/transcript159-5.html

We should be able to bring Voyager functionality to these devices.

Why not have due dates, fines, saved searches, and customized new book lists here as well?
Breaking Voyager Out of the Box

www.avantgo.com

www.plkr.org

Get Library information on your Palm PDA

Cheng Library
William Paterson University
http://www.wpunj.edu/library/

The Library is a wireless hotspot!
Bring your enabled laptop (students/faculty/staff only)
or borrow one of ours!

Regular Library Hours

Monday - Thursday 7:45am - 11:45pm
Friday 7:45am - 10pm

Why not:
Due date alerts?
Fine info?
Canned searches
Custom new book lists?
Go to Where the Users Are

- Instant Messaging
- PDAs
- Blogs and RSS feeds
- Text message on cell phones
- AvantGo or Plucker to create downloadable content from Voyager info?
THANK YOU!
Please contact us if you have questions

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