How the PHDL program works

1. We set a price for PHDs based on their FTE; collect funds
2. We negotiate with vendors for best price on resources, compile the collection; pay vendors
3. PHDs issue us IP Addresses, we convey to vendors for authentication
4. Content is delivered on an internal page that calls out to resources at vendors
5. PHDL has Department-wide access
6. Integration with PubMed (this part is changing)
7. Article delivery for material not in the PHDL through Partner Library
The Players

<table>
<thead>
<tr>
<th>NPHCO</th>
<th>Public Health Departments (PHDs)</th>
<th>Vendor/Publishers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010-today Project to Program</td>
<td>From 8 to 28: 26 state PHDs 2 local HDs Paying participants</td>
<td>8 to 25 vendors 342 ejournals 75 ebooks 3 databases</td>
</tr>
<tr>
<td>Collection Delivery Instruction</td>
<td>Context: Varying capacities for maintaining technology Pay according to size</td>
<td>Context Varying cost structures: flat fee / per-PHD rate Mostly IP authentication</td>
</tr>
</tbody>
</table>

Context:
NNLM → National Library of Medicine → PubMed
Backbone for instruction and RDS
Operating values

Access to information is critical to public health practice
Equitable price structure for PHDs
Partner Library connection
PHDL page residing at Departments...local ownership*
Access to PHDL is Department-wide
Older File Structure residing at PHDs

Index.htm  HTML code for the library page

help.html  HTML code that provides links to help videos.

css/style.css  Cascading Style Sheet formatting information for the page.

Images/  Folder containing all of the image files for the Digital Library

Good:  resides at PHD customizable

Drawback:  PHDs need to update with new or withdrawn titles
Solve for freshness

Preserve local agency

-light weight
-shoestring
Newer File Structure

- **Index.htm**: HTML code for the library page
- **help.html**: HTML code that provides links to help videos
- **css/style.css**: Cascading Style Sheet formatting information for the page
- **scripts/**: JavaScript code populates the Digital Library page from JSON file at NWSO
- **Images/**: Folder containing all of the image files for the Digital Library

Back End

- NWSO Pittsburgh
- NPHCO Worcester

PHDs anywhere
Newer File Structure

Index.htm  HTML code for the library page
help.html  HTML code that provides links to help videos.
css/style.css  Cascading Style Sheet formatting information for the page.
scripts/script.js  JavaScript code populates the Digital Library page.
Images/  Folder containing all of the image files for the Digital Library
Newer File Structure

**Good:** resides at PHD updateable by NPHCO current still customizable search page contents

**Drawback:** PHDs need to switch out old file structure

PHDs really don’t customize
Say Hey! if:

You’re not from Massachusetts
Your home state is part of PHDL!

V.Good!
2019 – 2020: resource delivery system

<table>
<thead>
<tr>
<th>Departments with RDS pre-PHDL</th>
<th>New Departments starting with RDS since 2017</th>
<th>Departments migrating to RDS since 2017</th>
<th>Remaining Departments</th>
</tr>
</thead>
<tbody>
<tr>
<td>WV ME HI</td>
<td>AZ DC GA ID</td>
<td>IN MC</td>
<td>10</td>
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<tr>
<td>CA VA NC TX</td>
<td>RI WA</td>
<td>VT</td>
<td></td>
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<tr>
<td>BO PA</td>
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</tbody>
</table>

**Good:** New PHDs enter into program under RDS

Some existing PHDs moved into RDS

**But:** Not enough of them

PHDs really don’t customize
More Changes

Solve for Link Resolvers (thanks PubMed!)

LRs part of suite of tools

A to Z list | broader index | content management
Modifying model and values

At a point of revisiting this decentralized model

Can centralize:
- digital library page
- authentication
- options for special content/topic pages

Decision point early spring 2020
Hey, thanks.

Javier Crespo

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