

From idea to impact: Holistic support for the research scholar

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The University of Maryland, Baltimore

- Founded in 1807. Public institution.
- Urban setting - West Baltimore.
- Professional/Graduate level education - Medicine, Nursing, Pharmacy, Dentistry, Social Work, Law, and a Graduate School - 6500 students.
- Over \$550M in extramural funding.



Health Sciences and Human Services Library (HS/HSL)

- Founded in 1813
- 57 Staff (27 Faculty Librarians)
- Region 2 of the National Network of Libraries of Medicine (National Library of Medicine, US National Institutes of Health)
- Innovators in services and technology

Expertise, Resources, Place

Increased focus on, support, and services for the research community

- Already offered many services
- Fragmented and dispersed
- Challenges
 1. Identify essential services.
 2. Enhance library faculty expertise.
 3. Build a holistic service from research idea to measuring impact in one place.
 4. Brand and market.

Challenge 1: Identify essential services

- Assess researcher information needs.
- Identify services essential to the research lifecycle from idea to impact.
- Visit libraries with exemplary programs of research support.*
- Develop a roadmap.

*Funded thanks to National Network of Libraries of Medicine/SEA (HHS-N-276-2011-00004-C)

Roadmap for University of Maryland Health Sciences and Human Services Library
Meeting Information Needs for Researchers in CTSI
June 2013



| DATE | ACTIVITY | NEXT STEP | BENEFIT |
|--------------------|---|--|--|
| | Bioinformatics Software and Tools | | |
| 1 July 2013 | OpenHelix™. As the needs assessment indicated a variety of information needs, HS/HSL licensed OpenHelix™ (www.openhelix.com), a collection of over 100 tutorials on web-based bioinformatics and genomics resources. Will review the usage statistics to determine whether to renew license. | Services staff and faculty will promote, add links to website, etc. Review usage statistics. | Researchers will have access to over 100 tutorials on web-based bioinformatics and genomics resources. |
| FY14 | Campus-wide software licenses. Identify tools that are being used within departments or units at the University. This would enable the library to investigate obtaining campus licenses for those resources that are used most widely. Consider how this would work with MPower . | Resources and Services work with vendors to get data, consider MPower | Allow for increased access to specific tools. Managed centrally, better expert support. |
| | Technology trends in research. Collaborate to identify software tools used for visualizing biological data and for identifying technology trends in research. Track technology trends in modeling, visualization, etc. | Hire Research Informationist – Services Librarians | Lead the way in researchers' staying current with the latest technology. |
| | Bioinformatics Training/Expert Support | | |
| In place | NIH Classes. Continue collaboration with NIH Library to offer hands-on virtual bioinformatics classes: http://nihlibrary.ors.nih.gov/bioinfo/ . Aim to offer two per year. | Services staff works with NIH. | Expert training on NIH products. |
| | Research Informationist. Library has created a research informationist position that will provide advance level, expert support. The activities that this person would engage in include: -Consult on databases and research tools | Hire Research Informationist – Services Librarians | Expert service in an area where we currently have no expertise. (|

Challenge 2: Enhance library faculty expertise

- Identify knowledge gaps.
- Identify training opportunities – ongoing and persistent – systematic reviews, informatics, the ‘omics (genomics, proteomics), molecular biology.
- Identify other staff needed – bioinformaticist, new and emerging technology librarian.

Challenge 3: Build a holistic service

- Identify current service components.
- Integrate new components. Examples:
 - Systematic reviews
 - NIH Public Access compliance
 - Research Impact
 - Data management
- Realign Services Division

Challenge 4: Brand and market

- Perhaps the greatest challenge.
- Introduction of the project concept and the product - a suite of services - April 2014.
- Branding based on university standards.
- Placement on web site - UX and analysis
- Marketing.

Branding and Marketing

Research Connection

Expertise to Advance Your Success


Tag line, “Expertise to Advance Your Success”

HS/HSL Research Connection - www.hshsl.umaryland.edu

Browser navigation bar showing the URL <http://www.hshsl.umaryland.edu/> and a search bar with the text "Home - HS/HSL".


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HS/HSL Updates [view more](#)

- Innovation Space Newsletter - Makers @ HS/HSL: Teaching Anatomy
Posted on Monday, July 31, 2017
- Whiteboard Project: Toilet Paper - Over or Under?
Posted on Tuesday, July 25, 2017
- Whiteboard Project: Which OS Does Your Phone Use?

Popular Links

Databases

Journal articles, drug information and more

Journals

Electronic & print journals at the HS/HSL

E-Books

Browse and search content of online books

RefWorks

Personal Citation Manager

Subject Guides

Recommended resources on specific topics

Library Catalog

Search for books and more at the HS/HSL

Request Articles & Books

ILLiad - Interlibrary Loan

Course Reserves

Find readings put on reserve for courses

Selected Databases

[Pubmed](#)

[Micromedex](#)

[CINAHL](#)

[Medline \(Ovid\)](#)

[Scopus](#)

[EMBASE](#)

[PsycINFO](#)

[SocINDEX](#)

Included in Research Connection:

- Research consultation
- Systematic review
- Bioinformation program
- Research data management/data catalog
- Expert literature search
- Research impact assessment
- Public access compliance
- IRB consent form review
- Publication strategies consultation
- Research and information literacy skills

Showcasing of additional expertise:

- Community engagement/Outreach
- Copyright
- Global health
- Grant collaboration
- Health literacy
- Interprofessional education
- New and emerging technologies

A look at some data:

| | <u>FY14</u> | <u>FY15</u> | <u>FY16</u> | <u>FY17</u> |
|-------------------------|-------------|-------------|-------------|-------------|
| Consultations | 319 | 318 | 341 | 397 |
| Consent form review | 31 | 26 | 36 | 35 |
| Research impact studies | 3 | 81 | 78 | 100 |
| Systematic reviews | 16 | 17 | 21 | 31 |

Positive outcomes

- Researchers may use some or all of the services.
- Easily modified.
- Expertise-based and focused.
- Anyone can build a service like this.

Suggestions for building a service like this...

- Assess user needs.
- Know your strengths and what you can and cannot do.
- Identify what will be included, new and old
- Assess staff training needs.
- Develop a marketing plan.
- Promote everywhere.

The future

- Constant evaluation, improvement, training, promoting, looking for opportunities.
- Translational science expertise.
- Technology-based expertise
- Expansion of the HS/HSL digital archive.
- Increased support for funder mandates.
- Support for university collaboration platforms.

Thank you!

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Questions?