Falk Library of the Health Sciences
200 Scaife Hall
3550 Terrace Street
www.hsls.pitt.edu

- Remote access
- Subsidized document delivery
- Course reserves
NLM Director Visits HSLS

Patricia Foslley Brennan, RN, PhD, Director of the National Library of Medicine (NLM), visited the University of Pittsburgh on Tuesday, July 17, and presented a talk on "Transforming Data into Knowledge and Knowledge into Health: NLM Strategic Plan, 2017-2022." Founded in 1836 as the library of the U.S. Army Surgeon General, NLM is headquartered in Bethesda, Maryland. Since its founding, it has played a pivotal role in translating biomedical research into practice.

NLM is the world’s largest biomedical library and developer of electronic information services. In a single day the NLM delivers, not millions or billions, but trillions of bytes of data to millions of scientists, health professionals and members of the general public. NLM provides access to scientific and health information whenever and wherever it is needed—on scene at emergencies and disasters, in laboratories, healthcare facilities, libraries, schools, offices, homes, and on the road. Access to NLM resources is quick, convenient, and free of charge to people around the world. Read more.

PubMed 2.0 to Arrive December 2018

Many of us use PubMed daily and have grown accustomed to its features and ease of use. Since PubMed’s original release in 1997 enhancements continually occurred with little change to the user interface. However, in December 2018 the National Library of Medicine (NLM) will transition from the current PubMed to a new interface called PubMed 2.0!
Research Support
Liaisons

- Curriculum committees
- Course-integrated instruction
- Specialized instruction
  - Data management
  - Scholarly Publishing
- Student orientations
- Research assistance
Co-investigators on grants, guidelines, systematic reviews.
IACUC Support

**3R**

- **Replace**: Replace animal studies with other methods
- **Reduce**: As many trials as required, as few as possible
- **Refine**: Minimize stress of study animals

We offer support, consultations, classes & customized trainings to help you:

- organize and describe your research data or files
- comply with data sharing policies
- create effective data visualizations
- write a data management plan (DMP)
- identify appropriate data repositories
- locate existing datasets for reuse
- preserve your data/files for long-term access

www.hsls.pitt.edu/data-services
Introducing the Pitt Data Catalog

Interested in sharing your data, boosting the visibility of your datasets, or finding data from colleagues? **Include your datasets** in the Pitt Data Catalog, a curated collection of metadata records that describe and provide access instructions to health science datasets created at the University of Pittsburgh.

- Data can be stored publicly (ex., in a repository), privately (ex., on a lab server), or semi-privately (ex., with registration required.) YOU control access over your own data.

- Records are fully indexed by search engines and contain links to all associated publications, making it easier to get read and cited more.

- Participating is easy—fill out a form with the who, what, and where about your data, or have a 15-minute chat with a librarian.

Visit us online: [http://datacatalog.hsls.pitt.edu](http://datacatalog.hsls.pitt.edu)

Email us: [HSLSDATA@pitt.edu](mailto:HSLSDATA@pitt.edu)
Scholarly Communication and Research Impact

- Publishing, Trustworthy or Not? Open Access?
- Copyright for authors
- Public access policies
- ORCID iD author disambiguation

- Impact analysis at all levels: individual, department, school
- Demonstrate global dissemination
- Analyze citations, collaborations
- Faculty Performance Evaluation content
- Promote your work with Altmetrics
- Classes & Consults through HSLS
MolBio Information Service
MolBio Information Service

- Software Licensing
- Bioinformatics Training Workshops
- Web Tools
- Consultations
## SEPTEMBER

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9/5</td>
<td>1-4pm</td>
<td>RNA-Seq &amp; CLC Genomics</td>
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<tr>
<td>9/12</td>
<td>1-4pm</td>
<td>Pathway Analysis</td>
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<tr>
<td>9/26</td>
<td>1-4pm</td>
<td>Variant Detection &amp; Analysis: CLC Genomics &amp; IVA</td>
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<tr>
<td>9/27</td>
<td>2-3pm</td>
<td>Intro to the Pitt Data Catalog*~</td>
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## OCTOBER

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<tr>
<td>10/3</td>
<td>1-4pm</td>
<td>RNA-Seq &amp; CLC Genomics</td>
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<tr>
<td>10/10</td>
<td>1-4pm</td>
<td>RNA-Seq &amp; Galaxy</td>
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<tr>
<td>10/16</td>
<td>1-4pm</td>
<td>Basic Python through Jupyter*~</td>
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<tr>
<td>10/22</td>
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<td>10/24</td>
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<td>ChIP-Seq &amp; Galaxy</td>
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## NOVEMBER

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<td>11/7</td>
<td>1-4pm</td>
<td>Gene Regulation</td>
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<td>11/14</td>
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<td>RNA-Seq &amp; CLC Genomics</td>
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<td>11/28</td>
<td>1-4pm</td>
<td>Pathway Visualization: ePath3D &amp; Cytoscape</td>
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<td>12-1pm</td>
<td>Bioinformatics Data Analysis: Options 4 Rigor*</td>
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## DECEMBER

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<td>RNA-Seq &amp; CLC Genomics</td>
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<td>12/13</td>
<td>10-11am</td>
<td>Intro to the Pitt Data Catalog*~</td>
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Located in Falk Library, Classroom 2, except *~ in Conference Room B.
*

* = cross-listing w/HSLS Data Services

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**Fall 2018 HSLS MolBio Workshops**

Descriptions & Registration:
http://www.hsls.pitt.edu/calendar
"How To" Talks by Post Docs

14 videos • 232 views • Last updated on Apr 5, 2018

"How-To' Talks by Postdocs" are a collaboration between the HSLS Molecular Biology Information Service (MBIS), the Center for Postdoctoral Affairs in the Health Sciences, and any postdoc at the University of Pittsburgh conducting biomedical research.

Modeled after the MBIS workshops, instructors teach a 1-2 hour workshop in a computer classroom located in Falk Library. The topic can be ANYTHING related to health sciences, not specifically molecular biology or bioinformatics, as long as the talk is in a "how-to" style rather than a seminar. The MBIS works with postdocs to create a workshop that is a positive teaching experience for the postdoc, as well as instructive to attendees, who range from grad students to fellow postdocs to PIs to lab techs to clinicians. Although taught by postdocs, attendance at the workshops is open to one and all.
www.hsls.pitt.edu/molbio
National Network of Libraries of Medicine

- Established by the Medical Library Assistance Act of 1965
- Currently 8 regional medical libraries and 5 national offices
- Under 5 year Cooperative Agreement with the National Library of Medicine (2016-2021)
- HSLS houses Middle Atlantic Region (PA, NY, NJ, DE) and the National Web Services Office
What does NNLM Middle Atlantic Region do?

“What advance the progress of medicine and improve the public health by providing all U.S. health professionals with equal access to biomedical information and improving the public's access to information to enable them to make informed decisions about their health.”

Promote free resources of the National Library of Medicine through:

• Training (online and in-person)
• Conference presentations and exhibits
• Funding (~$500K this year)
• Membership (1200 libraries of all kinds, community-based organizations, and others)
Current Initiatives

- Research Data Management
- Wikipedia Edit-a-thon (November 7)
- Pilot project to offer Certified Health Education Specialist CE
- Public Libraries
  - *All of Us* Community Engagement Administrative Supplement
  - National Partnerships with Collaborative Summer Library Program and Public Library Association
  - Consumer Health Information Specialization
Questions?