Countway Library Services in the COVID-19 Era

October 29, 2020
Bidirectional Translational Research

Basic Research

Clinical Investigation

Clinical Trials

Practice In the Community

Bench

Molecules & Cells, Animal Models

Bedside

Patients

Trench

Community & Population

Ronald J. Sokol, MD Director Colorado Clinical and Translational Sciences Institute PowerPoint Presentation - ID:6645266
BENCH
Embedding Library Staff into the Scholarly Research Workflow

Opening up the research workflow

Assessment:
- Comment / peer review
- Determine impact of research output
- Determine impact of researchers

Preparation:
- Define & crowdsourc research priorities
- Organize project, team, collaborations
- Get funding / contract

Discovery:
- Search literature / data / code / ...
- Get access
- Get alerts / recommendations
- Read / view
- Annotate

Outreach:
- Archive/share posters
- Archive/share presentations
- Tell about research outside academia
- Researcher profiles/networks

Analysis:
- Collect, mine, extract data / experiment
- Share protocols / notebooks / workflows
- Analyze

Publication:
- Archive / share publications
- Archive / share data & code
- Select journal to submit to
- Publish

Writing:
- Write / code
- Visualize
- Cite
- Translate
Consultations for Disseminating COVID-19 Scholarship

• Access and Distribution of Scholarly Works
• Copyright and Author Rights
• Open Access Policies & Compliance
• Digital Repositories (Manuscript & Data)
• Research Data Management
• Scholarly Impact & Citation Metrics
• Author Profiles; ORCID
• Journal Selection @ Publishing Choices
• Citation Style & Manuscript Formatting (Zotero)
Open Science: Decoupling Dissemination and Peer Review
Digital Repositories

bioRxiv is receiving many new papers on coronavirus 2019-nCoV. A reminder: these have not been peer-reviewed. They should not be regarded as conclusive, guidance-derived from reports in news media as established information.

New Results

Pursuing the limits of child survival in the most and least developed countries

Iván Mejía-Guevara, Wenyun Zuo, Laust H. Mortensen, Shripad Tuljapurkar

doi: https://doi.org/10.1101/591925

This article is a preprint and has not been certified by peer review (what...
Scientific Evidence

Hierarchy of evidence

Hierarchy of Scientific Evidence

- Meta-analyses & systematic reviews
- Randomized controlled trials
- Cohort studies
- Case-control studies
- Cross sectional studies
- Animal trials & in vitro studies
- Case reports, opinion papers, and letters

Not Scientific Evidence

- Youtube videos, personal anecdotes, gut feelings, parental instincts, some guy you know, websites like Natural News, Info Wars, Natural Health Warriors, Collective Evolution, Green Med Info, Mercola.com, Whale.to, etc.
Library Staff Work to Improve Patient Care

• From February 1, 2020 through October 21, 2020, 38 research and instruction librarian requests were related to collaborating on projects related to COVID-19

• From February 2019 through June 2020, 65 tickets had the tag COVID19O which correlates to a question being related to COVID-19

• Provide access to Countway Collections (grab and go, scan and deliver, borrowing) to support grand rounds and morning report/clinical librarian services at affiliated hospitals
Developing Standards of Care

Zotero Library for BWH ER Department on Crisis Standards of Care – Michelle Bass


TB and COVID-19: A Living Systematic Review

Clinical Outcomes of Individuals with COVID-19 and Tuberculosis Disease: a Living Systematic Review

Carole Mitnick, Molly Franke, Celia Fung, Andrew Lindeborg

Citation

Review question
1. Is active or recent TB disease associated with worse COVID-19 outcomes?
2. Are TB outcomes worse in the presence of COVID-19?

Searches
We will conduct searches in the following databases:
- PubMed
- Embase
- Web of Science or Scopus
- WHO coronavirus database
- MedRXiv
- BioRXiv
- Preprints.org
- Google Scholar

We will perform searches in these databases using keywords pertaining to COVID-19 and tuberculosis such as:

Coronavirus OR COVID-19 OR 2019-nCOV or 2019nCoV or SARS-CoV-2 OR SARS-CoV2 OR HCov2
TRENCH
While the fundamental purpose of this grant was to conduct outreach and education on Chagas Disease to Central and South American immigrants, it quickly became apparent that this same population was not receiving adequate messaging about COVID-19 as it became clear that it was becoming a pandemic. Thus, we used already established avenues of communication and outreach and produced a number of short videos, in both English and Spanish, that could be shared with this population via YouTube. As the pandemic continued during the summer months, data began showing that new-case hotspots were correlating very closely to population centers of Central and South American immigrants (below is a nice visual Julia had put together for the sub-award application we recently submitted). As a result, the project team has continued to modify the videos as new and changing information comes out surrounding best practices to stay healthy.
Renovation: Fostering Wellness and Community

Building community through the Countway Library renovation
Center staff worked to restore enhanced access to Harvard Library's *Contagion* exhibit, a product of the closed Harvard University Libraries Open Collections Program, to support research, teaching, and learning. *Contagion* offers a historical perspective on contagious diseases and related medical and public health practices, and it links to fully digitized books and primary sources, such as manuscripts and photographs.

Center staff generated new content in response to requests for information about how people and institutions coped with previous pandemics, notably the 1918 flu epidemic, through:

- blog posts, such as this article on how Peter Bent Brigham Hospital, a parent institution of the Brigham and Women’s Hospital, provided medical care for flu patients: [https://cms.www.countway.harvard.edu/wp/?p=16432](https://cms.www.countway.harvard.edu/wp/?p=16432)
- working with *Harvard Medicine* and OCER to pivot to a new “Backstory” column on the 1918 flu and deliver 1918 flu content to OCER staff for reference and distribution, such as "warning" signs that people put on their homes during outbreaks of measles and scarlet fever
- fielding multiple research requests on the repurposing of historical mechanical breathing apparatuses like the iron lung to serve current pandemic medical needs
Web Based Resources

https://countway.harvard.edu/covid19

COVID-19 Resources

Services
- Find Materials
- Course Reserves
- Interlibrary Loan
- BorrowDirect
- HOLLIS
- COVID-19 Resources

This is a collection of information and research related to Coronavirus Disease (COVID-19). The physical library building is closed and library services are available remotely.

Community notifications are on the Harvard - Coronavirus and the Guidance for HMS Community pages. The below list is not comprehensive. If you have other recommendations or questions please use Ask Countway.

Literature
- LitCovid
- CORD-19 (COVID-19 Research Dataset)
- PubMed Coronavirus Search
- Disaster Lit Database for Coronavirus
Countway library staff play a vital role in supporting the research workflow, finding the best evidence to support patient care practice, and transforming our online and physical spaces to educate the public and build community. We have successfully shifted our focus to providing COVID-19 services and resources for the scientific discovery of advanced therapeutics to help cure disease.