The Librarian Reserve Corps and Infodemiology

Elaine R. Hicks, MS/LIS, MPH, MCHES
Research, Education, and Public Health Librarian
Rudolph Matas Library of the Health Sciences

Battling the Infodemic: LJ’s 2021 Librarians of the Year
Part 1:

The LRC meeting a community need
Patron request:
“I’m here in Geneva working with WHO on the COVID-19 response.

One of the many elements that is unprecedented about this outbreak is huge volume of publications coming out. WHO has a team that pulls all publications together on a daily basis.

I’ve been asked to try manage this and get the most impactful publications disseminated to the different operational pillars for response. This involves critically appraising a daily and unmanageable amount of literature”
<table>
<thead>
<tr>
<th>Year</th>
<th>Author</th>
<th>Title</th>
<th>Journal</th>
<th>DOI</th>
<th>URL</th>
<th>Abstract</th>
<th>Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Aminnejad, Reza; Selimi, Ali; Reza; Salehi, Mohammad</td>
<td>Lidocaine during intubation and extubation in patients with coronavirus disease (COVID-19)</td>
<td>Nature nanotechnology</td>
<td>10.1038/s41565-020-0680-y</td>
<td><a href="https://doi.org/10.1038/s41565-020-0680-y">https://doi.org/10.1038/s41565-020-0680-y</a></td>
<td></td>
<td>* Narrative review; * Opinion piece; Clinical aspects, diagnosis, treatment; Infection prevention and control</td>
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<tr>
<td>2020</td>
<td>Anderson, Michael; McKee, Martin; Mossellos, Elias</td>
<td>Covid-19 exposes weaknesses in European response to outbreaks</td>
<td>BMJ</td>
<td>10.1136/bmj.m1075</td>
<td><a href="https://doi.org/10.1136/bmj.m1075">https://doi.org/10.1136/bmj.m1075</a></td>
<td>European countries must work together in the common interest Covid-19 continues to spread across Europe, Italy, Germany, Spain, and France have all diagnosed over 6000 cases.1 Italy, which has diagnosed over 27,000, the highest number outside China, has implemented nationwide restrictions on movement. On 10 March, the European Council met by video link to discuss the Joint European approach to covid-19.2 Four priorities were identified: limiting the spread of the virus, provision of medical equipment, promotion of research, and dealing with the socioeconomic consequences. The importance of strengthening solidarity, cooperation, and exchange of information between member states was also reiterated. Despite high level political commitment from the EU, the ongoing spread of Covid-19 exposes important obstacles to developing a comprehensive European response to infectious disease outbreaks. Member states have long guarded their national responsibility for health services.3 There are provisions within European treaties for acting together on public health issues, but they are limited. ...</td>
<td>* Opinion piece, Ethics, social science, economics; Infection prevention and control</td>
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<tr>
<td>2020</td>
<td></td>
<td>Pick of the coronavirus papers: vaccine from viral spikes holds promise</td>
<td>Nature</td>
<td>10.1038/d41586-020-00502-w</td>
<td><a href="https://doi.org/10.1038/d41586-020-00502-w">https://doi.org/10.1038/d41586-020-00502-w</a></td>
<td></td>
<td>* Opinion piece; * Narrative review; * Information technology; Public health; Infection prevention and control</td>
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<tr>
<td>2020</td>
<td></td>
<td>The race against COVID-19</td>
<td>Nature nanotechnology</td>
<td>10.1038/s41565-020-0680-y</td>
<td><a href="https://doi.org/10.1038/s41565-020-0680-y">https://doi.org/10.1038/s41565-020-0680-y</a></td>
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<td>* Narrative review; * Opinion piece; Clinical aspects, diagnosis, treatment; Infection prevention and control</td>
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<tr>
<td>2020</td>
<td></td>
<td>Tracking COVID-19 from a Journalist's Perspective with STAT's Helen Branswell</td>
<td>Open Forum Infectious Diseases</td>
<td>10.1093/ofid/ofaa129</td>
<td><a href="https://doi.org/10.1093/ofid/ofaa129">https://doi.org/10.1093/ofid/ofaa129</a></td>
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<tr>
<td>2020</td>
<td></td>
<td>Don't miss</td>
<td>New Scientist</td>
<td>10.1016/j.scitrends.2019.06.011</td>
<td><a href="https://doi.org/10.1016/j.scitrends.2019.06.011">https://doi.org/10.1016/j.scitrends.2019.06.011</a></td>
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<td>* Opinion piece; * Information technology; Public health; Infection prevention and control</td>
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<tr>
<td>2020</td>
<td></td>
<td>Coronavirus latest: China death toll jumps dramatically</td>
<td>Nature</td>
<td>10.1038/d41586-020-00154-w</td>
<td><a href="https://doi.org/10.1038/d41586-020-00154-w">https://doi.org/10.1038/d41586-020-00154-w</a></td>
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Emerging COVID-19 Evidence

The Librarian Reserve Corps is providing literature searches to address our partners’ research and content queries. Please submit a request here.

Evidence inventories

Curated COVID-19 publications
Q. Have the specialized COVID-19 database collections been validated?

Answer

COVID-19 Database Validation Study Protocol

Several specialized collections of COVID-19 literature have developed in response to the pandemic including: WHO COVID-19 Global literature on coronavirus disease, CDC COVID-19 Research Articles Downloadable Database, COVID-19 SOLES, and LitCOVID. The Librarian Reserve Corps in partnership with CAOTHi is conducting a study to evaluate the completeness of the databases and to measure the time span from when COVID-19 articles are published to when they are entered into the specialized COVID-19 databases.

The protocol for the study on Currency and Completeness of Specialized COVID-19 Collections has been posted on the Open Science Forum (https://oif.io/bxmrp).
Part 2: Learning in the Hands of the Community: The role of librarians in an infodemic
Infodemic: An overabundance of information – some accurate and some not – occurring during an epidemic.

“Like pathogens in epidemics, misinformation spreads further and faster and adds complexity to health emergency response.”
“We must not blame others if they're believing things that we don't believe. We must support people as they work through and make sense of this phenomenon. If we don’t, then they will find us to be unacceptable people to engage with.”

David Nabarro, WHO COVID-19 Special Envoy, Keynote Speaker, 1st WHO Infodemiology Conference

“We need to invest in at least as much time connecting with people where they are instead of where we want them to be.”
Thank you!

Elaine R. Hicks, MS/LIS, MPH, MCHES
Research, Education, and Public Health Librarian
Rudolph Matas Library of the Health Sciences
1430 Tulane Ave., MC 8586 | New Orleans, LA 70112-2699
(504) 812-4563 | ehicks2@tulane.edu | http://matas.tulane.edu

ORCID: 0000-0002-3150-7942