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Reflections on Bioinformatics Librarianship

A webinar from the U.S. National Library of Medicine
September 4, 2019
https://nnlm.gov/class/reflections-bioinformatics-librarianship/16768

Within-webinar poll results:

Do you support a biology or biomedical program at your institution?

Response	# responses	% responses
Yes	41/57	72%
No	15/57	26%

Do you support bioinformatics at your institution?

Response	# responses	% responses
Yes	34/57	60%
No	22/57	39%

Do you have a science background?

Response	# responses	% responses
Yes	28/55	51%
No	27/55	49%

Does the thought of learning about bioinformatics intimidate you?

Response	# responses	% responses
Yes	23/55	42%
No	32/55	58%

Do you plan to do work related to...?

Response	# responses	% responses
Text mining	15/41	37%
Machine learning	12/41	29%
Data analysis	19/41	46%
Data management	28/41	68%
Licensing	13/41	32%
Publication support	23/41	56%
Open access	22/41	54%
Other	9/41	22%

Do you plan to learn more about...?

Response	# responses	% responses
Coding (e.g., R, Python)	23/41	56%
Systems analysis	9/41	22%
Data management	26/41	63%
Metadata standards	19/41	46%
Other	6/41	15%

Which NLM resources do you usually have questions (from patrons) about?

Response	# responses	% responses
PubMed	22/42	52%
Gene	5/42	12%
Sequence databases	2/42	5%
BLAST	6/42	14%
MedlinePlus	0/42	0%
Other	4/42	10%

Resources shared by audience:

University of Pittsburgh recent paper: https://www.ncbi.nlm.nih.gov/pubmed/30949666

About Jennifer Doudna's work (CRISPR – mentioned by Elliott Smith):

http://doudnalab.org/

https://www.ted.com/talks/jennifer_doudna_we_can_now_edit_our_dna_but_let_s_do_it_wisely?language=en

https://blogs.plos.org/synbio/2018/03/13/a-crack-in-creation-book-review/

Plug for making data available: https://www.datacatalogcollaborationproject.org/

See also NNLM Bioinformatics Education: https://nnlm.gov/classes/bioinformatics-education