Congratulations to Bill Hersh, the OHSU team, and all involved in planning the ***FIRST*** virtual trainee’s meeting!

As of this morning, 297 Attendees 178 Posters and Presentation
All NLM Staff on Maximum Telework from March 13 until further notice
Accelerating Discovery & Data-Powered Health

- **Accelerate discovery and advance health through data-driven research**
- **Reach more people in more ways through enhanced dissemination and engagement**
- **Build a workforce for data-driven research and health**

### NLM Response to COVID-19: Resources

- **PubMed Central**
  - Expanding access to ~60k AI-ready articles, 2M accesses
  - AI-fueled insights from lit via Kaggle challenge
- **ClinicalTrials.gov**
  - > 2200 clinical studies related to COVID-19
  - Display of studies listed in WHO portal with >1500 studies
- **GenBank**
  - Fully automated 24-hour submission and release of data
  - All publicly available data and tools featured
- **LitCovid**
  - AI-curated literature hub organizing and exploring scientific information
- **Standards and Terminologies**
  - COVID-19 updates to UMLS, MeSH, RxNorm, LOINC, Common Data Elements Repository, VSAC, and more
- **NLM support of libraries virtually engaging their communities**
Improving Quality of Clinical Data for Research and Care

• Implementation guidelines, training for standardization, and addition of codes to support COVID-19-related laboratory tests within LOINC

• Value Set Authority Center (VSAC) FHIR API development to enable standardized sharing of COVID-19 terminology updates

Accelerating Research: Deep Phenotyping, Text-mining, and Real-Time Surveillance

• Mining clinical data for ‘deep phenotyping’ models that can be used to identify or predict presence of COVID-19 (EP)

• AI/Machine Learning, analytics and visualization of image and clinical data to support clinical decisions in real time (LHC)

• Public health surveillance using virus genomics, health data and social media data to identify spread (EP, NCBI)
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Update Specific to the Extramural Program

- COVID-19 Research Funding
  - 2 NOSI
  - Partnership with NIDA
- AIBLE – Artificial Intelligence for Biomedical Excellence
  - 7 year, $125M Common Fund program
  - 5 key initiatives
    - Data Design Centers
    - Data Readiness (hardware and software)
    - Data Readiness supplements
    - Gold Data
    - Assess Data Quality
- Equity in the NIH Portfolio
  - B/AA funding rate 13 percentage points lower than Asian, White – why? What to do

Renovating Building 38

- Right size spaces
- One public service area
- Improve our visitor experience
- More staff meeting space for all sizes of groups
- Modernize staff areas with various kinds of work spaces
Planned Renovations/Building Improvements

<table>
<thead>
<tr>
<th>Project</th>
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<tbody>
<tr>
<td>Building 38, 1st and 2nd Floor Renovation</td>
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<tr>
<td>Building 38, B1 HVAC replacement</td>
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<tr>
<td>Building 38, B2 Collection Space Modernization (increasing collection capacity)</td>
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<tr>
<td>Building 38A, Improving Staff Space for new research efforts and CT.gov</td>
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<tr>
<td>Building 38A, Creating Secondary Cooling and Power for Data Center</td>
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Reaching NLM

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