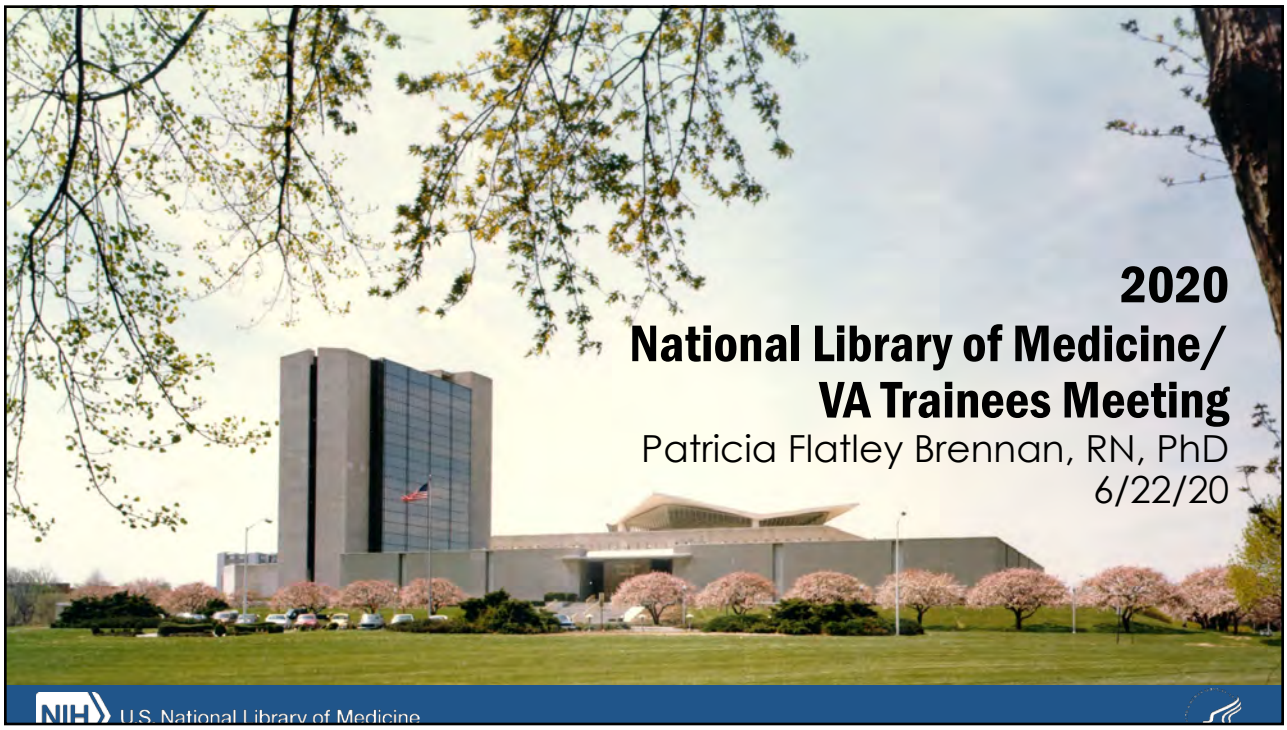


1

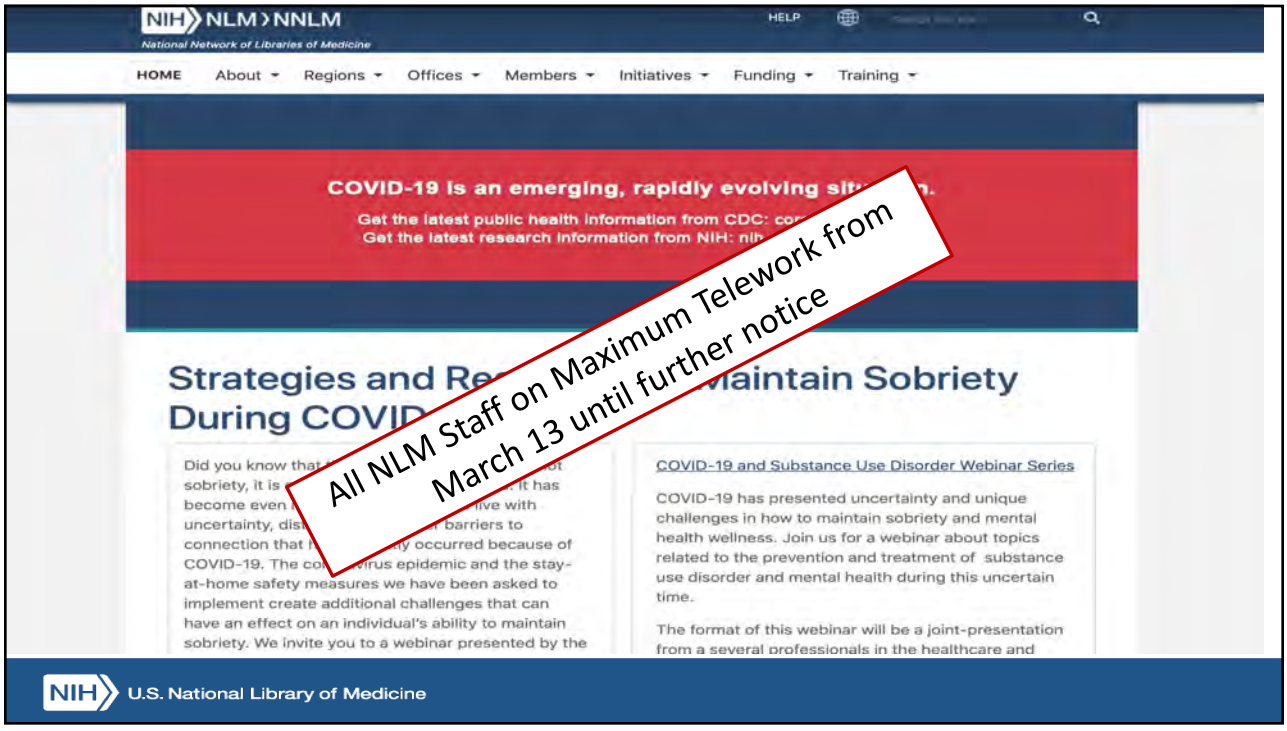
Congratulations to
Bill Hersh,
the OHSU team, and all
involved in planning the
FIRST
virtual trainee's
meeting!

As of this morning,
297 Attendees
178 Posters and
Presentation

2

NIH NLM
NIH U.S. National Library of Medicine
https://www.nlm.nih.gov/news/nlm_visitors_video.html

3


NIH NLM NNLM
National Network of Libraries of Medicine
HELP
HOME
About
Regions
Offices
Members
Initiatives
Funding
Training
COVID-19 is an emerging, rapidly evolving sit
Get the latest public health information from CDC: cor
Get the latest research information from NIH: nih
All NLM Staff on Maximum Telework from March 13 until further notice
Strategies and Re
During COVID
aintain Sobriety
Did you know that
sobriety, it is
It has
become even
ive with
uncertainty, dis
barriers to
connection that
y occurred because of
COVID-19. The co
virus epidemic and the stay-at-home safety measures we have been asked to implement create additional challenges that can have an effect on an individual's ability to maintain sobriety. We invite you to a webinar presented by the
COVID-19 and Substance Use Disorder Webinar Series
COVID-19 has presented uncertainty and unique challenges in how to maintain sobriety and mental health wellness. Join us for a webinar about topics related to the prevention and treatment of substance use disorder and mental health during this uncertain time.
The format of this webinar will be a joint-presentation from a several professionals in the healthcare and
NIH U.S. National Library of Medicine

4

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

5

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**

6

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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10

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

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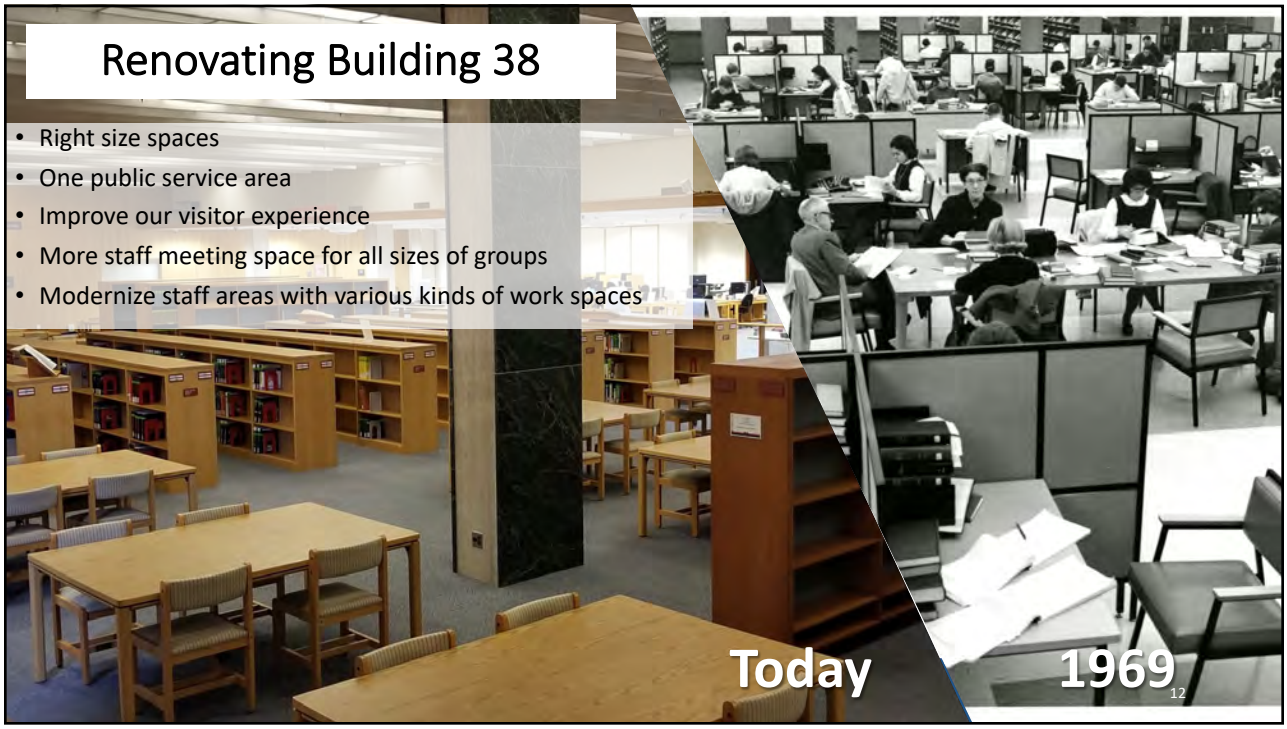
Renovating Building 38

- 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



12

Planned Renovations/Building Improvements

Project
Building 38, 1st and 2nd Floor Renovation
Building 38, B1 HVAC replacement
Building 38, B2 Collection Space Modernization (increasing collection capacity)
Building 38A, Improving Staff Space for new research efforts and CT.gov
Building 38A, Creating Secondary Cooling and Power for Data Center

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Reaching NLM

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@NLMdirector

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