



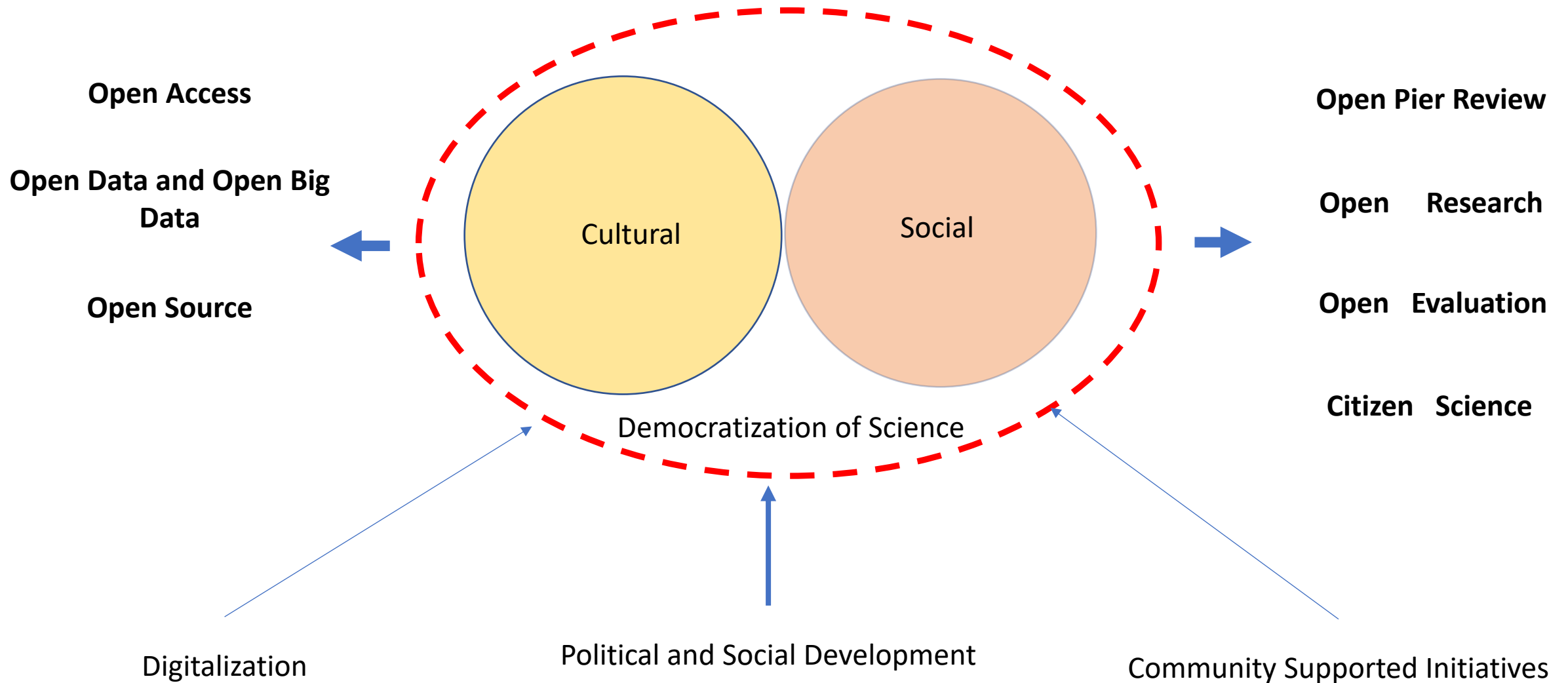
Open Science in Time of COVID-19: Lessons Learned in an Academic Library

Stefka Tzanova, MSc, MLS

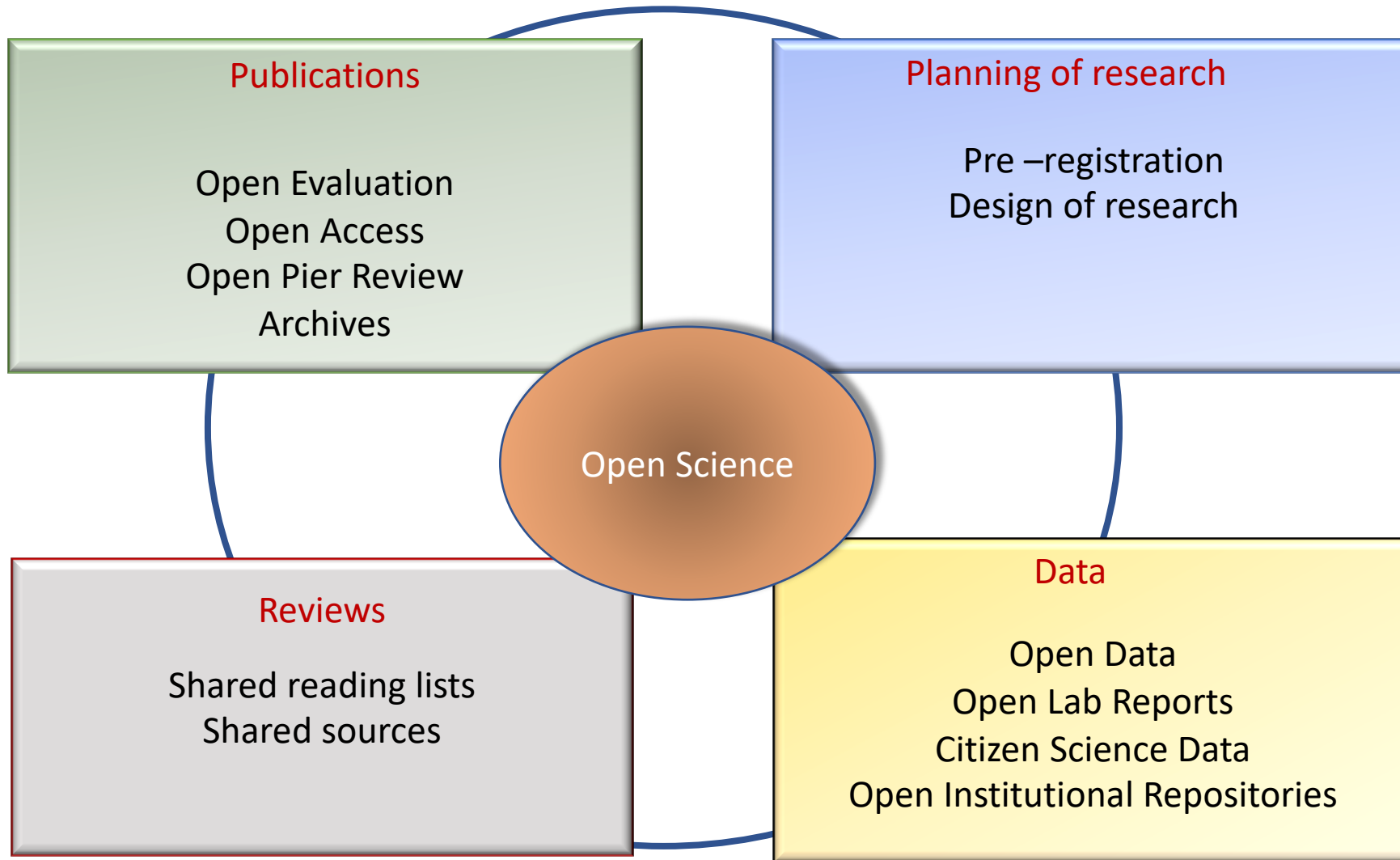
York College, CUNY

stzanova@york.cuny.edu

Open Science as a Cultural and Social Phenomenon



Research Cycle and Academic Librarians



- Librarians are involved in all stages of research cycle
- Librarians must have qualifications beyond Library Science

Academic Librarians as Enablers for Open Science

- Data wrangling
- Data manipulation
- Use and support of specialized data management software
- Metadata management
- Supporting various interfaces

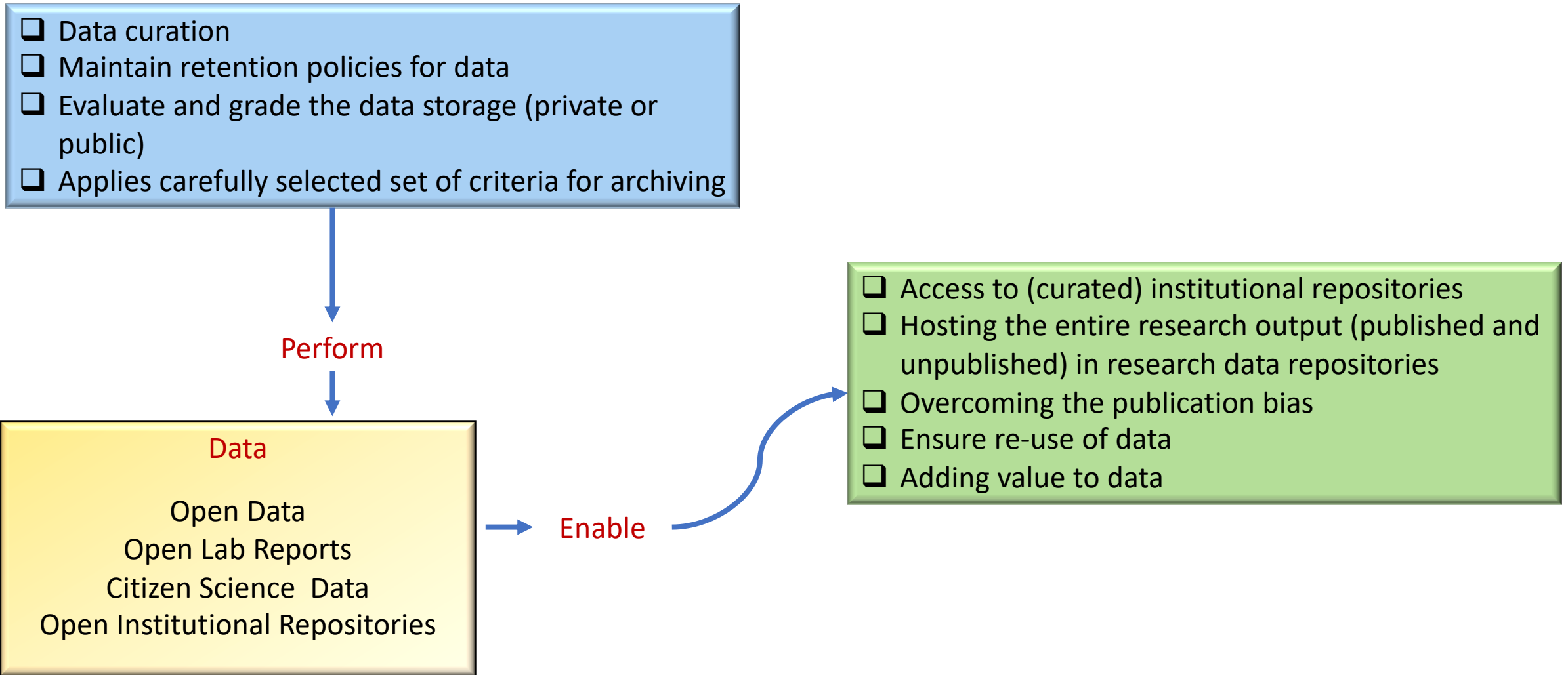
↓
Perform
↓

- Data**
- Open Data
 - Open Lab Reports
 - Citizen Science Data
 - Open Institutional Repositories

→ **Enable**

- Access to large data sets in various formats
- Re-use of large and complex data
- Support for interdisciplinary research projects operating with different data types and formats
- Interoperability of data
- Access to (curated) institutional repositories

Academic Librarians as Promoters of Research Diversity



Academic Librarians as Research Advisors

- Publication agreements
- Recommendation of research repositories
- Recommendation of journals publishing opportunities
- Advising on new data generated by research
- Provide insights for local and federal legislation



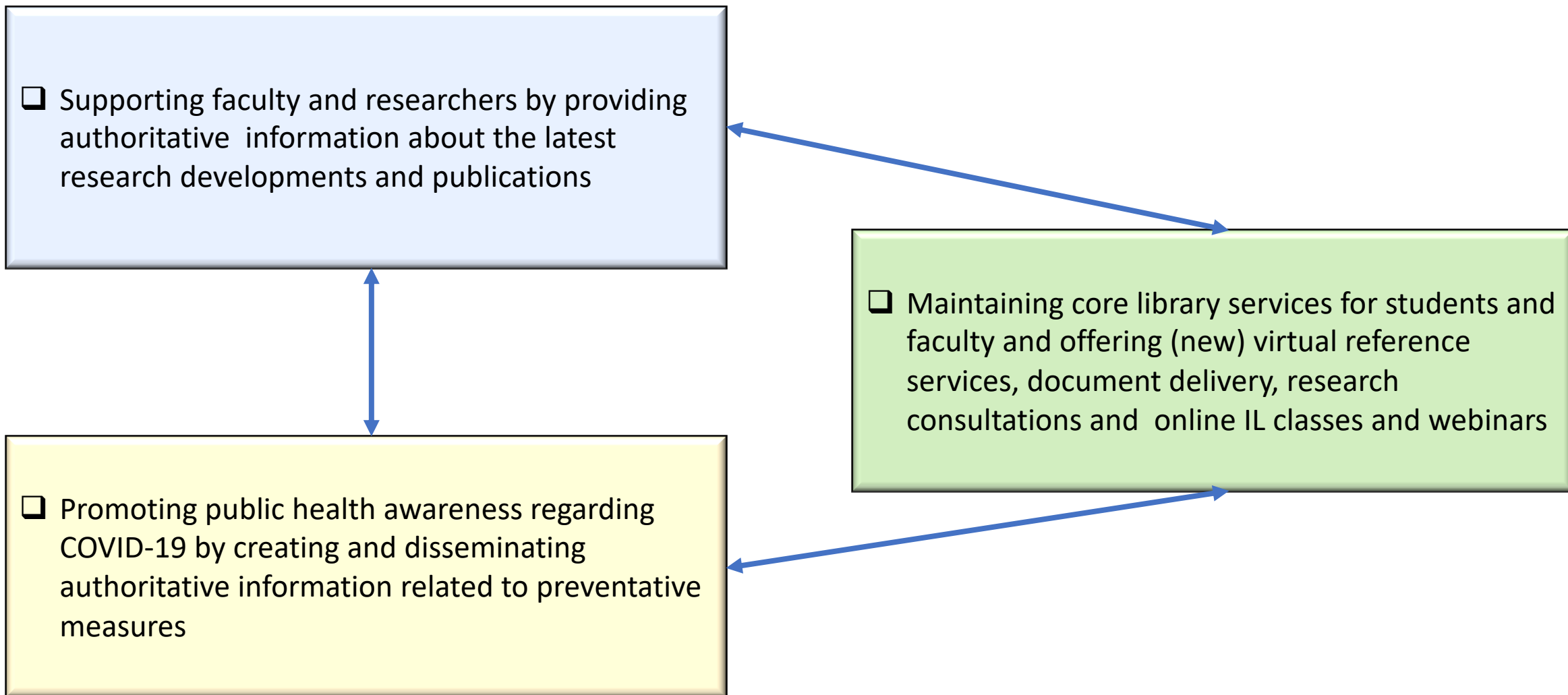
Grant Writing and Scholarship

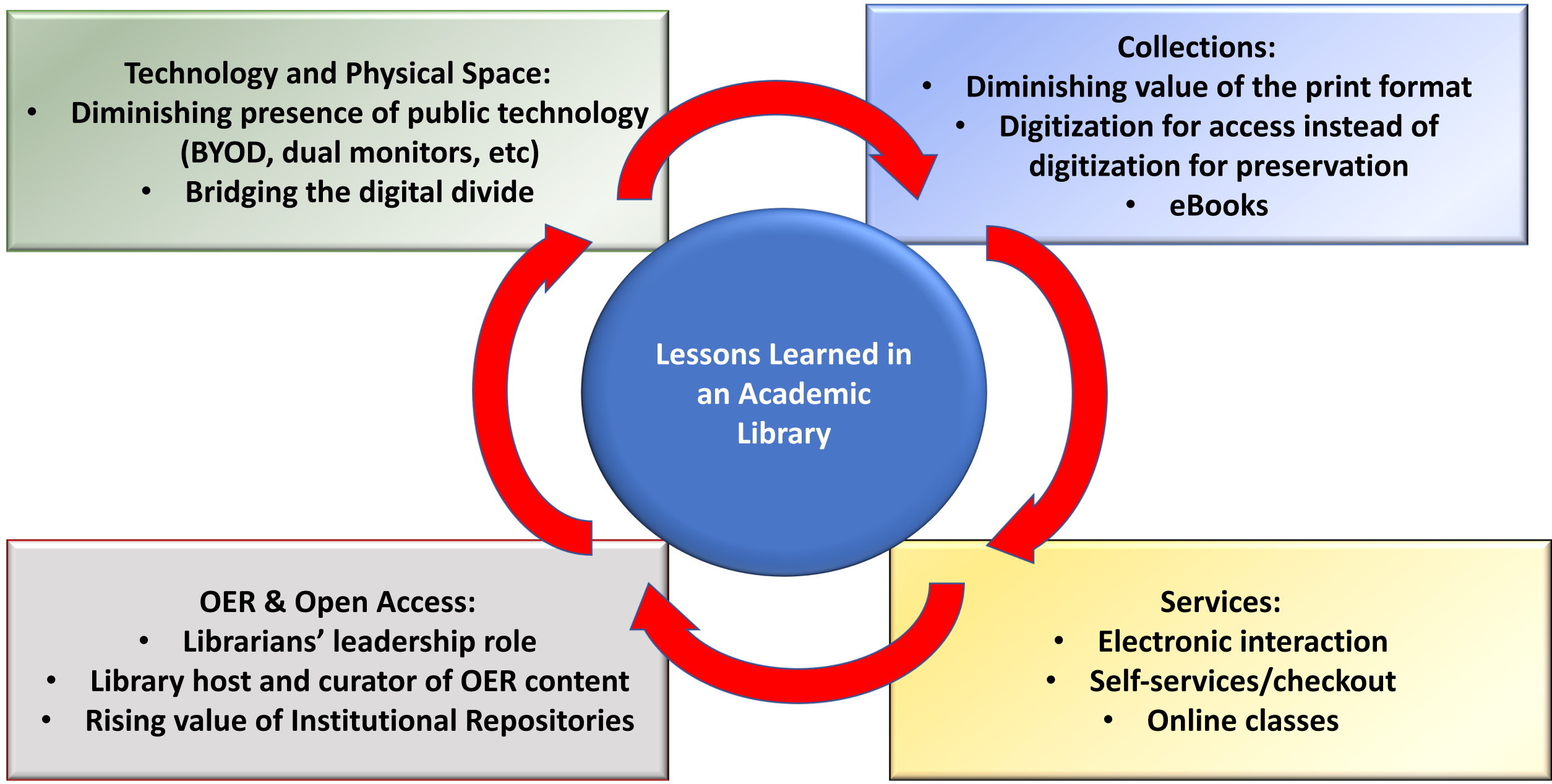
Open Evaluation
Open Peer Review
Archives



- Research partnership
- Access to research repositories
- Data curation and storage of large data sets
- Documenting large data sets

(Academic) Librarians' Role During a Pandemic







Thank you.