Finding Our Stride:

A Health System Repository 4 Years In

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Who We Represent

- 120k Caregivers
- 36k Nurses
- 25k Physicians
- $1.7b Community Benefit
- 52 Hospitals
- 1,085 Clinics
- 25.6m Total Patient Visits
- 2.1m Covered Lives
- 1700+ Published Research Studies
- 1 Health Plan
- 17 Supportive Housing Facilities
- High School Nursing Schools & University
Background

Providence Digital Commons launched in 2018

Originally organized by Clinical Institute and Discipline/Department

Content is obtained through PubMed searches and author submissions

Primarily citation level metadata
Where We Are Now

As the repository gained in popularity new special collections were created and different record types and media formats were included.
Growth

Submission totals

Total materials on IR are 7643 (data pulled 10/28/21)
Growth

Impact Trends

4 years of usage (data pulled 10/28/21)
Record Types

Text-based (articles, abstracts, book chapters, publications)

Photo/slideshow (posters, presentations)

Video/audio (embedded or uploaded streaming)
Special Collections

Topics
COVID-19
Genomics
Environmental Stewardship
Diversity, Equity & Inclusion
Nursing - New Knowledge, Innovation, & Improvement
Technology Transfer

Research Institutes
CARDS - Center for Cardiovascular Analytics, Research + Data Science
Center for Outcomes Research and Education (CORE)
Earle A. Chiles Research Institute Collection
Institute for Systems Biology
Pacific Neuroscience Institute
Providence Genomics
Saint John's Cancer Institute (John Wayne Cancer Institute)
Swedish Cancer Institute
Swedish Digestive Health Institute
Swedish Heart and Vascular Institute
Swedish Neuroscience Institute
Swedish Thoracic Surgery
CORONAVIRUS 2019 (COVID-19)

Submissions from 2021

- **Title**: Cardiovascular outcomes: beyond and without over-COVID-19 cardiologists. A multi-reader study
- **Title**: COVID-19 pneumonia: a retrospective analysis of radiological findings in patients with severe disease
  - Authors: Wang, C., Li, X., et al.
- **Title**: The impact of COVID-19 on healthcare systems: an analysis of published literature
  - Authors: Zhang, J., et al.

Publication Date: 10.3.2020
Publication Title: Providence Health System, Paterson, WA, USA
Keywords: COVID-19, Healthcare, Pandemic

Abstract
This manuscript explores the impact of COVID-19 on healthcare systems globally. The authors analyze published literature to highlight the challenges faced by healthcare providers during this pandemic. The study emphasizes the need for continued research and adaptation in healthcare systems to better handle future pandemics.

Clinical Institutions
- Providence Health System, Paterson, WA, USA
- Providence Health System, Seattle, WA, USA

Department
- Internal Medicine
- Infectious Diseases

Recommended Citation
Nursing – New Knowledge, Innovation, and Improvement

• Evidence-Based Practice Bootcamp Posters

• Local and Organization-wide Nursing Research Conferences

• Recognition in Magnet documentation and established as an enterprise best practice

• Organization-wide push to have Nurse researchers establish Expert Gallery Profiles

• Dig Asset Librarian sits on System Nursing Research Council
Conferences

Providence Digital Commons began to host virtual conferences and archiving conference materials

• Hosted the PNC-MLA posters 2018, 2019
• Nursing Conferences
  • 2020 Nursing Summit
  • 2020 Providence St. Joseph Health SoCal Regional Research Day
  • 2021 Providence Nursing Research Conference
• Nursing, EBP Conferences
  • 2021 16th Annual Evidence Based Practice Conference
  • 2020 15th Annual Evidence Based Practice Conference
  • 2019 14th Annual Evidence Based Practice Conference
• Oregon Academic Achievement Day 2020, 2021
Technology Transfer is *the process of moving inventions, discoveries, research tools, and other intellectual property to the world outside.*

- Library Staff created customized metadata architecture
- Links out to individual US Patent Office Records
- Records easily discoverable to external end users, particularly those with novice search skills related to patents and trademarks
- Increases visibility of Providence innovation
- Small amount of total page hits, but gets consistent, conservative usage every month since its establishment
Expert Gallery

Expert Gallery profiles highlight individual researcher accomplishments

Has increased visibility for Research Institutes & Departments

Has helped build buy-in amongst high-profile researchers and encourage submissions
Marketing & Outreach

• Regular presentations to Research Councils, Clinical Program Institutes, Residency Programs

• Monthly author emails highlighting PlumX altmetrics

• Monthly dashboard emails to specific institutes and departments

• Monthly reporting to System Research Leadership & Senior Administration
  o # of submissions, PMIDs
  o Breakdown by Clinical Program (e.g. Cancer, Nursing, Cardiovascular, etc.)
  o Publication numbers used as a division success metric

• Providence Digital Commons Annual Report

• On-demand reporting for board presentations, grant applications, department/system annual reports
Demonstrating Impact -

Digital Commons Readership Dashboard

PlumX and Readership Dashboard to support departmental buy-in
Display and track global impact of specific and total collections in the IR
Demonstrating Impact - PlumX Metrics

PlumX and Readership Dashboard to support departmental buy-in

Display and track global impact of specific and total collections in the IR
What Does the Future Hold?

- Backfilling content with pre-2018 publications
- Providence Montana archives
- Increasing OpenAccess full-text content
- Customized reporting, including # of peer-reviewed articles and high-impact journals
- Building out multi-media content: video abstracts, podcasts
- In-house published journal(s)
Follow-up

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