Communicating and Visualizing Publication Data for Departments, Institutes, and Centers

Karen Gutzman, Patty Smith, Pamela Shaw, Matt Carson, Kristi Holmes
Galter Health Sciences Library & Learning Center, Feinberg School of Medicine, Northwestern University

One common aspect of bibliometric services in biomedical libraries is to communicate and visualize publication data for groups, such as departments, institutes, or centers. While these groups may have access to bibliometric data through library subscriptions to Scopus or Web of Science, or through open tools, such as Publish or Perish, they may need assistance in finding meaningful ways to communicate or display this data in reports, presentations, websites, or through other mediums.

Productivity visualizations used to assess the quantity of output

Research Areas visualizations used to assess prominent areas of knowledge production

Topical Trends visualizations used to assess trends in research topics over time

Collaboration visualizations for assessing research collaborations

Citation Impact visualizations for viewing research outcomes or impacts

Alternative Metrics visualizations for assessing dissemination and impact

Membership visualizations for identifying key partners or members in a research group

Our work has been cited in policy documents by the COC and National Academies Press, demonstrating that our work is leading to widespread changes and reinforcing the translational sciences spectrum.