As Biosciences & Bioinformatics Librarian, I apply my research background to support basic science research at the Feinberg School of Medicine. A former lab technician with almost 20 years of bench experience, I understand the process of scientific research and publication.

I have also received specialized training and education in computational biology and bioinformatics. I provide assistance with molecular biology, genetics, bioinformatics and science information tools.

I also serve as the NIH Public Access Compliance Reporter for Northwestern University. Contact me with any questions regarding PMCIDs for your NIH-funded manuscripts.

Contact me to set up training and education for your staff, faculty and graduate students in your department, center or laboratory.

Bioinformatics and Data Management Support and Collaboration

Galter Library maintains a subscription to the pathway analysis software GeneGo MetaCore. To register for MetaCore, see the Galter Library MetaCore guide (use the "Accessing MetaCore menu item in the left side menu). I can help you get started using MetaCore for analysis of your experimental data.

I also partner with basic sciences faculty and researchers to provide timely access to relevant data and literature resources.

Services include:

- Visiting departments to alert users of new resources
- Directing users to appropriate resources
- Creating subject and program based resource guides
- Scheduling workshops by experts on the use of bioinformatics databases and other research tools

Biosciences and bioinformatics guides:

- Genome Browsers - The Ensembl Genome Browser
- Genome Browsers - The UCSC Genome Browser
NIH Public Access Policy Compliance

As the NIH Public Access Policy Compliance Monitor Role (PACR) for Northwestern University, I support researchers and their staff with issues regarding compliance with the NIH Public Access Policy. These issues include:

- Managing publications with MyNCBI's "My Bibliography"
- Depositing papers to PubMed Central through the NIH Manuscript Submission (NIHMS) system
- Dealing with journal publishers to request deposit of manuscripts to PubMed Central or NIHMS
- Formatting biosketches in accordance with the NIH new biosketch format and using the MyNCBI SciENcv biosketch tool

See my Galter Library guide to the NIH Public Access Policy, or contact me for assistance.

Liaison Areas

Departments
- Biochemistry & Molecular Genetics
- Cell & Molecular Biology
- Microbiology-Immunology
- Molecular Pharmacology and Biological Chemistry
- Pathology
- Physiology

Centers & Institutes
- Biostatistics Collaboration Center
- Center for Genetic Medicine
- Institute for Augmented Intelligence in Medicine
- Institute for Bionanotechnology in Medicine
- Mesulam Center for Cognitive Neurology and Alzheimer's Disease
- Northwestern University Clinical and Translational Sciences Institute (NUCATS)
- Northwestern University Institute for Neuroscience (NUIN)
- Parkinson's Disease and Movement Disorders Center

Programs
- Genetic Counseling Graduate Program
- Interdepartmental Biological Sciences Graduate Program (IBiS)
- Walter S. and Lucienne Driskill Graduate Program in Life Sciences (DGP)
- Medical Scientist Training Program (MSTP)
- Northwestern University Institute for Neuroscience (NUIN)
- Master of Science in Epidemiology and Biostatistics

As your liaison librarian, I can help you:

- search bibliographic databases (Web of Science, Scopus, MEDLINE)
- select specialized nucleic acid, protein and genome databases
- organize your citations with EndNote
- organize and prepare grant materials in a manner compliant with the NIH Public Access Mandate

Do you need help finding the pig homologue for human tau protein?
Do you need an open-source molecular modeling program?
Do you need to know how to cite GEO DataSets?
Do you need to know how and when to include the PMCID in your grant bibliographies?

I can help you with questions like these, and many more.
Publications - Manuscripts


- Clare SE, Shaw PL. "Big Data" for breast cancer: where to look and what you will find. *NPJ Breast Cancer.* 2016; 2: 16301. PMCID: [PMC5289822](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5408839/)


Conference Presentations

Shaw PL. From talking dogs to personalized medicine: The weird and wonderful history of inheritance and pharmacogenomics from pups to people. Medical Library Association annual conference. Austin, TX. May 2015.


Awards


Classes Taught

- **EndNote**
- **The Ensembl Genome Browser**
- **Getting Started with GeneGo MetaCore**
- **NIH Public Access Policy and**