

Data acquisition, management, sharing, and ownership

This core area addresses accepted practices for acquiring and maintaining research data as well as proper methods for record keeping and electronic data collection and storage in scientific research. This includes defining what constitutes data; keeping data notebooks or electronic files; data privacy and confidentiality; data selection, retention, sharing, ownership, and analysis; data as legal documents and intellectual property, including copyright laws.

Publications on the topic:

National Research Council. (1997). Intellectual property rights and the dissemination of research tools in molecular biology (pp. 1-5, 40-45, & 71-73). Washington, DC: National Academy Press.

Online resources:

- Guidelines for Research, Collections, Databases, and Publications
<http://guallart.dac.uga.edu/guidelines>
- Implications of the data sharing mandated by the 1998 Omnibus Appropriations Bill
<http://grants.nih.gov/grants/policy/a110/a110implications.htm>
- Information on freedom of information <http://www.missouri.edu/~foiwww>
- Intellectual property law <http://www.patents.com>
- National Freedom of Information Act (amended)
<http://www.nih.gov/icd/od/foia/efoia.htm>
- National Science Board's position on the Freedom of Information Act and federally-funded research <http://www.nsf.gov/nsb/documents/1999/nsb9930/nsb9930.htm>
- Office of Research and Integrity <http://www.ori.hhs.gov>
- Oral History Association's Evaluation Guidelines
http://omega.dickinson.edu/organizations/oha/pub_eg.html
- U. S. Copyright Office <http://lcweb.loc.gov/copyright/>
- U. S. Patent and Trademark Office web site <http://www.uspto.gov/>