

DATA MANAGEMENT

The Jacobs School of Engineering aspires to rigorous data management practices supporting the structural foundation for research findings. If the data lack validity or integrity, then all else about a research project will not matter. Depending on the nature of the research, data can be as diverse as numbers written in a lab notebook, images produced with an electron microscope, audio recordings of interviews with human subjects, genetically modified cell lines, customized software or codes, artifacts collected from an archaeological dig, or geological samples from the sea floor.

Because data have so many different forms, it is not practical to be prescriptive about how all data should be handled. However, as a minimum,

for the purpose of future research and to verify work had been done as described in subsequent publications.

Some recommended, nominal "best practices" are that