

Bioinformatics/IT & Data Sharing

The mission of the Bioinformatics Working Group (BIWG) is to define the informatics requirements common to all QIN centers and to establish consensus standards that are generalizable and useful to the quantitative imaging community nationally. Such requirements include specifying the breadth of imaging biomarkers assessed computationally and semantically, defining common data representation and exchange standards to promote cancer imaging data exchange, and establishing a central or federated repository of images, metadata, and associated clinical data that will enable scientific discovery. In addition to the participating QIN sites, BIWG will interact with other organization and industry stakeholders in quantitative imaging, such as QIBA, ACR, RSNA, FDA, and pharma in order to achieve broad community consensus and acceptance in undertaking these activities.