

Jacobson appointed to DOE Joint Genome Institute (JGI) Informatics Advisory Committee

CBI Analytics and Computational Biology team lead Dr. Daniel Jacobson has been appointed to serve on the JGI Informatics Advisory Committee (IAC). The IAC evaluates the data science, web systems, computing, and informatic capabilities of the JGI and its strategic directions.

Jacobson, a computational systems biologist, focuses on the development and subsequent application of mathematical, statistical and computational methods to biological datasets in order to yield new insights into complex biological systems with a particular emphasis on explainable machine and deep learning approaches. Additionally, Dan uses petascale computing to analyze and model complex biological systems and is actively involved in the development of exascale applications for biology.

Dan is involved with CBI, Plant-Microbial Interfaces (PMI), and DOE-VA projects at ORNL.

Dan obtained his B.S. in Biochemistry at Florida State University, his M.S. in Biochemistry at Johns Hopkins University, and his Ph.D. in Computational Biology at Stellenbosch University in South Africa.



Daniel Jacobson