

# **5<sup>th</sup> Annual Joint Bioinformatics Workshop**

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2229 Seamans Center  
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by

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***Collaborative Phenotypic Database (CPDB)***

*ABSTRACT*

Research into the causes of many rare (retinal) diseases is hindered by their very rarity. Individual research facilities generally have phenotypic and genetic data for only a few subjects. Sharing this data with other researchers is complicated (or impossible) for several reasons, including the need to protect patient privacy, differences in interpreting raw data between different researchers, and the inherent cost of the data itself. A solution is being developed with a per-site pair of database servers and client applications.