

## How Math, Statistics, and Artificial Intelligence Can be Used to Develop Treatments for Major Diseases: Quantitative Medicine at the Critical Path Institute



This presentation focuses on the bridge between a person's ultimate health in light of being affected by a debilitating disease, and how a novel treatment for that disease can be back-tracked to the use of quantitative methods to help guide the development of such novel treatments. Case studies in multiple diseases including, Alzheimer's, Parkinson's, type-1 diabetes and polycystic kidney disease will be shown to demonstrate the process.

**Presenter:** Jackson Burton, PhD, Executive Director, C-Path Quantitative Medicine Program

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