# CHALLENGE #35
# BINSSIE-BAY-02

**Bayesian optimization and stochastic surrogate**

Meet the expectations of this US Node through the technology challenge described below

**APPLY NOW**

## GOALS

To develop surrogate modeling for expensive computer simulations and design optimization.

## DETAILS

You are expected to 1) develop efficient surrogate model to emulate stochastic simulations; and 2) to design optimization using the new surrogate and also reinforcement learning.

## SKILLS REQUIRED

Expertise in statistics

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