**ASSIGNMENT DESCRIPTION FORM**

**Organization/Agency:** Kayagene LLC **Date:** 10/10/22

**Supervisor/Sponsor:** Elan Goldbart **Supervisor/Sponsor title:** Managing Partner

**Address:** 2897 Freedom Blvd, Watsonville, CA 95076 **Email:** egoldbart@refinedgenetics.co

**Phone:** 510-847-7711 **Website:** Kayagene.com

**# of interns needed/Hours worked per intern: 2 interns 6-12hr ea**

**Needed for quarters: Options (choose one)**

 Fall XWinter Remove your listing by

 Spring Summer X Or keep on file for one year

**Describe the internship assignment:**

Brief statement about the agency; role of the intern and specific objectives of the projects assigned to the intern; tasks to be performed.

Kayagene is employing advanced techniques using genomics tools and our vast experience with breeding, to develop improved elite hemp varieties. We are seeking technical support for our plant genomics research and development lab. The lab tech position will assist in analytical chemistry and molecular biology. Training will include basic laboratory techniques using centrifuge, pipettors (manual and multi-channel electronic), robotic DNA/ RNA extraction, thermal cyclers for PCR, gel electrophoresis, and gas chromatography. Guided by our experienced research scientist, the intern will support research goals of finding and developing novel hemp varieties for medicinal value.

**Which category should we place your listing under?**

 Environmental Education Natural History Public Policy Water & Marine X Research

 Conservation Biology Alternative Energy Environmental Justice Agroecology

Other?

**Prerequisites:**

Outline the skills and background information necessary to participate in this internship.

**Please include a picture/logo!**