

Resources (Feedstock) Internship

Team: Resources

Employment type: part-time

Work site: 100% work from home per week

Travel: none required

Mote is developing a first-of-a-kind technology for woody waste biomass that removes CO₂ from the air and produces clean hydrogen to help the world meet climate goals, improve air quality, and reduce wildfires. We are developing large-scale projects based on our innovative and groundbreaking process to safely and permanently sequester carbon underground, and we are looking for standout individuals who are driven by reversing climate change to join our growing team, to help build our company and to contribute to our culture.

Mote is seeking a college student interested in forestry or agriculture to conduct research on the availability and transportation of waste biomass Mote can utilize as feedstock. Refer to Mote's [Commitment to Sustainability Statement](#) at www.motehydrogen.com.

This research can be performed remotely either online or by phone. Intern is expected to work 4 to 10 hours a week, including a weekly meeting with the Mote supervisor; more hours may be considered in light of academic workload.

Duration is 3 months. Intern will be required to sign a non-disclosure agreement.

Responsibilities

1. Literature review of past and present feedstock studies in the California Central Valley region for cross reference of feedstock reviews and analysis from private and academic resources. (For example, there have been a few studies completed for the Sierra Nevada region.)
2. Feedstock availability analysis to satisfy Mote's utilization strategy: Prioritize forest residue with backup volumes of agricultural and urban feedstocks to maintain sustainable and operationally consistent throughput at a Mote Plant.
3. Report compilation and final editing to produce a public copy and an internal version for Mote strategic planning.
4. Presentation of findings at mid-point and completion of internship to Mote leadership.

Additional research aspects:

- Job creation related to the forest industry in rural and tribal communities
- Quantity / volume of forest residue as compared to Mote's plant capacity, namely the potential effects on forest health and wildfire resiliency

Qualifications

Minimum Qualifications

- Experience or interest in forestry or agriculture
- At least 1 year equivalent of college completed with a passing grade average
- Must act with the highest degree of professionalism, responsibility and ethics.
- Functional English language skills with writing competency

Preferred Qualifications

- Previous work experience that demonstrates candidate's strengths and ability to work safely and effectively in a team environment
- Functional experience with Microsoft Word and Powerpoint

Pay and Benefits

The base pay for this role is USD \$25 per hour.

Mote is an equal opportunity and affirmative action employer committed to diversity and inclusion. We ensure fair treatment for all candidates, without discrimination based on race, color, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability, gender identity, or veteran status. We also evaluate qualified applicants with criminal histories, in a manner consistent with legal requirements. Mote adheres to the principle of pay equity and is dedicated to providing reasonable accommodations for applicants with disabilities during our hiring process. Please contact us if you need assistance. Mote maintains a drug-free workplace.