



SIERRA NEVADA ALLIANCE

Keeping light in the range.

Position Description Sierra Corps Forestry Fellowship

Position Title: Forest Restoration Fellow

Host Site: Eldorado National Forest and American Forests

Site Supervisor: Dana Walsh, Forest Vegetation Program Manager with USFS and
Brittany Dyer, California Program Director with American Forests

Work Commitment: Sierra Corps Fellows are passionate and committed to the mission of the Sierra Nevada Alliance and Sierra Corps. **The Fellowship is a 1700 hour term position beginning late February or early March 2020 through December 11, 2020 with expected 32-40 hours per week.**

Position Location: Georgetown, CA. Program work will be focused in the King Fire burn scar on the Eldorado National Forest. Housing is available to the Fellow in the USFS Barracks at the standard barracks rate of ~\$8/day.

Organization Description: American Forests, in collaboration with the Eldorado National Forest will implement watershed restoration strategies in the American River watershed in wake of the 2014 Kings Fire in Eldorado and Placer Counties. To do so, partners will implement climate-smart reforestation techniques that encourage regrowth and reduce sediment pollution.

Position Description: The selected candidate would be establishing monitoring plots and conducting monitoring related to reforestation on the King Fire on the Eldorado National Forest. This will include establishing monitoring plots for different planting techniques including comparison of cluster planting and even spaced planting, and could also include identifying microsites where different planting techniques could be used to meet management objectives include setting up plots in planted areas where burning is planned to occur and taking initial and follow-up data, analyzing cost differences for planting techniques, and monitoring survival, growth, stocking, and species composition across planted areas, or other monitoring efforts connected with King Fire reforestation. The selected candidate may also contribute to this year's reforestation efforts through identification and inspection or implementation of planting, site prep, and release activities. The candidate will be using existing literature, ArcGIS, field recon and sampling, and other technology to locate and synthesize data for comparison and future use. The candidate may use growth models and other spatially explicit mapping and visual programs to display stand development and present benefits and costs going forward using different planting and management techniques in reforestation.

Required Qualifications:

- Bachelor's degree in Forestry, Environmental Science, or other related field
- Experience with forest monitoring and assessment including establishing monitoring plots
- At least 1 year of experience with natural resource management and assessment
- Ability to work with diverse partners and stakeholders and facilitate productive decision making
- Strong desire to work in a forest health related career, ideally in the Sierra
- Ability to work independently and gather necessary information to complete assigned tasks
- Knowledge of CEQA/NEPA regulations and documentation

Desired Qualifications:

- 2 years combined experience in:
 - forest health monitoring and assessment
 - conservation planning
 - project management
 - environmental analysis and research
- Passion for conservation of the Sierra

Compensation:

- \$15/hr for 1700 hours
- Full medical benefits including health, dental, and vision
- Paid holidays
- Vacation accrued at 0.83 days/month
- Sick time accrued at 1 day/month

Website:

- **Eldorado National Forest:** <https://www.fs.usda.gov/eldorado/>
- **American Forests:** <https://www.americanforests.org/our-work/california/>