

American Elm Restoration Project



State University of New York College of
Environmental Science and Forestry



American Elm Regeneration (Part of the American Chestnut Project — Madison Montalvo)

Participate in research seeking to recover and protect the American Elm. Students will collect leaf samples, perform tissue sterilization, and prepare growth media while maintaining a sterile lab environment. Focus on inducing shoot regeneration from leaf-derived callus culture.

What You'll Learn / Do

- Practice good laboratory techniques in the preparation of plant tissue cultures
- Observe the development cycle of multi-week tissue culture
- Learn about transgenic methods being used to combat invasive species and diseases

Tentative Time / Schedule

2 days/week, 3 hours/day, for 6 weeks
(flexible within these boundaries).

Students: 1-2

Ideal CTE Programs

Biotechnology

Natural Resources

Laboratory Science

Questions

Reach out to Dan Collins
(dbcollin@esf.edu) or (315) 470-6553

To Apply for this Internship, scan below:

