



Tufts University GREEN FUND

Tufts University Green Fund Initial Idea Submission

Applicant Information:

Name:

Eleanor Kharasch

Role at Tufts (e.g. Undergraduate Student, Graduate Student, Faculty, Staff):

Graduate Student - Veterinary Student

Email and Phone # of Lead Submitter:

Eleanor.kharasch@tufts.edu
617-304-0742

Campus:

Grafton

Project Title:

Reintroduction of rare cattle breeds initiative

One Sentence Description (*This is how your project will be described on the Green Fund website*):

Raising rare beef cattle breeds whose populations have significantly decreased over time in order to preserve genetic diversity and sustainability.

General Application Questions:

1. What project would you like to fund with a grant from the Green Fund?

My idea would be to fund the addition of a few more beef cattle into the current veterinary school farm's herd, specifically breeds that have decreased population numbers that contain important genetic traits such as cold hardiness, disease resistance, or superior foraging abilities in comparison to current major food production breeds.

- 2. Who would you work with on this project? Who would need to be involved?** *(For example: are there departments you would need to reach out to for help implementing or facilitating your project? If you are hosting an event, you might need someone to help you set up and help clean up afterwards. Do you need permission from anyone to complete your project? Include their role (collaborator, advisor, vendor, resource) and whether they have been confirmed their involvement in the specified role.*
Undergraduate students must have a faculty/staff advisor submit a letter of support for their project which indicates their willingness to mentor the proposed project.

Name and Title	Role	Status
Allistair Cribb	Dean of cummings school	Not confirmed-very rough and new idea – also a very difficult project to get off the ground and understandable if it is not attainable

- 3. What costs would be involved in your proposal? Please provide a rough budget.**

- Additional labor of adding animals to the farm
 - Additional feed/veterinary costs
 - Purchase of animals
 - Transport of new animals/initial health costs (quarantine, vaccines, etc.)
- \$20,000?

4. What steps would you take to accomplish this project?

- Look into the feasibility of adding more animals to the farm or slowly adding in a new animal as other animals leave the facility
- feasibility of adding more work to the farm staff
- find healthy animals that are available to transport
- find a rare breed that will work for the pasture management and weather of Grafton

5. How would your project help or benefit the Tufts community?

This project would increase awareness to the topic of genetic diversity in our food production animals in the United States. Agriculture is very focused and dependent on only a few breeds (for understandable reasons), but this would be a great addition that is both public health related and veterinary related.

What can I expect next?

The Green Fund committee will meet in early October and decide which projects will advance to the next round. These projects will be asked clarifying questions about details specified in this application. The committee will meet again and review the responses to its questions and vote to advance proposals based on those answers. Projects that advance past the clarifying questions stage will then be asked to fill out a more complete application (which can be found at go.tufts.edu/GreenFund) including a budget and a Gantt chart with accompanying letters of support from necessary collaborating entities at Tufts.

When finished with this initial idea submission, please save as a PDF and email to GreenFund@tufts.edu. Thank you!