



# Tisch Rooftop Garden Revitalization

Tufts Student Garden  
Alicia Bellido, Bayley Koopman



## Overview

The Tufts Student Garden's Green Fund proposal hopes to fund the revitalization of the current rooftop garden on top of the Tisch Library roof. This would be materialized by planting native species of plants that are meant to target native pollinators, whose numbers are declining at alarming rates. We would use the gardens for education purposes that can be carried out from the public Tisch Roof space via a sign, and potentially partner with the academic departments on studies or projects related to the garden. In any case, it will definitely serve as a means of helping native pollinator populations, reducing stormwater runoff, and absorbing solar radiation.

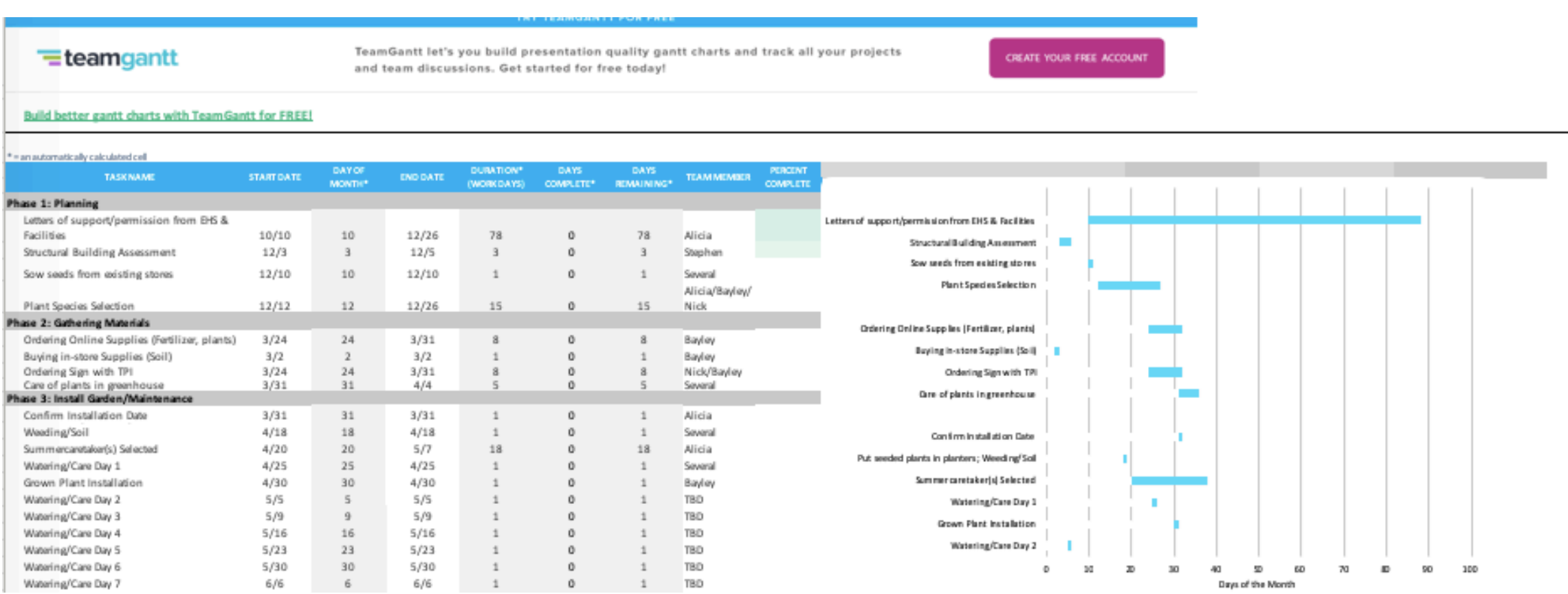


## Impact

The environmental impact of this garden will primarily be that additional food sources and shelter will be provided to native and non-native pollinators such as bees, butterflies, birds, ladybugs, and more. Populations of pollinators in cities and around the world have been declining at alarming rates in recent years, and we at the Student Garden are hoping to do our part in providing hospitable areas for pollinators wherever we can. This is especially important in cities because of the lack of vegetation, especially the lack of native vegetation on which so many native bee species rely.

## Budget

- Soil costs: \$94.23
- Fertilizer costs: \$20.28
- Engineering costs: \$525
- Plant costs:
- Groundcovers:
- *Eurybia macrophylla* (x21): \$126
- Bird's foot violet (x12): \$150
- Short-Growing:
- *Lupinus perennis* (x10): \$72
- Wild geranium (x10): \$28
- Medium-Sized:
- Butterfly weed (x10): \$80
- **Total: \$1,095.51**



## Contributors and Collaborators

Anne Marie Desmarais, Nick Dorian, Stephen Makris, Peter Nowak, Jeffrey McKay, Greg Mellett, Dawson Stout, Annika Schaad, Hanna Brush, Elizabeth Frieden, Elana Chan, and Rebeca Beclach, Tufts Pollinator Initiative