

Landscape and Ecology

1. Tree Planting Campaign

- Description: By 2030, the tree canopy on campus must increase by 50%. Organizations could “adopt” or dedicate a native tree(s) and possibly care for it in the future with the help of facilities and groundskeeping staff.
- Helpful Links: <https://www.arborday.org/programs/treecampususa/>
- Contact Information/References: Rich Heller (rjh16@pitt.edu), Dan Fisher (dan.fisher@pitt.edu)

2. Raised Beds in Quad Green Space

- Description: The Quad green space has many open areas where raised beds could be built. The raised beds could be used to grow general greenery/flowers, or be used to grow vegetables for the either Plant to Plate or the Pitt Pantry.
- Helpful Links: <https://learn.eartheasy.com/guides/raised-garden-beds/>
- Contact Information/References: Plant to Plate (plant2plate@gmail.com), Pitt Pantry (pantry@pitt.edu) , Pitt Grounds Crew

3. Trellis Plants in Quad Green Space

- Description: There are various trellises around the green space in the Quad that are bare (as of right now). A group of students could plant some pollinating flowers/plants that grow on vines along these trellises to give some color and plant life to the green space, and give the local bees/birds some pollinating areas.
- Helpful Links: <http://theselfsufficientliving.com/10-flowering-vines-plants-climbers-arches-pergola-arbor-trellis/> , <https://getbusygardening.com/trellis-plants/>
- Contact Information/References: Pitt Grounds Crew

4. Pollinator Gardens

- Description: This project strives to increase both the amount of greenspace and tree canopy, integrating well with the sustainability plan. It also works to increase the biodiversity of both insects and plants on campus. In addition it helps capture runoff water. Three gardens have been installed, one outside of Posvar, one by the Falk school, and the Marlin Garden by Chevron. There are two more plots that would be beneficial to install pollinator gardens. One is by the Sports Complex and the other outside of Thackery hall.
- Helpful Links: <https://docs.google.com/spreadsheets/d/1LPa8JEsFy3068vttCi-8E38br7L3FUQA7o1UcmMIFeU/edit#gid=0>
- Contact Information/References: Kareem Rabbat, Rich Heller, Andy Moran

5. Bird Feeders

- Description: Building bird feeders out of recycled materials (possibly recycled wood from the theater department). These could be placed in various places around campus, like the Quad green space.
- Helpful Links: <https://www.thefascinatingworldofforestry.com/d-i-y-series-making-an-eco-friendly-bird-feeder/> <https://feltmagnet.com/crafts/Easy-Biodegradable-Bird-Feeders> <https://allcrafts.net/woodworking/birdhouses.htm>
- Contact Information/References: Evan from Dept. of Theatre Arts

6. Integrated Pest Management (IPM) / Organic Land Care Standard Management Plan

- Description: IMP management plan: uses a combination of biological, cultural, physical/mechanical and chemical management tools to solve pest problems while minimizing risks to people and the environment.

Organic Land Care plan: plan to manage green space by maximizing sustainable solutions and eliminates inorganic fertilizers, pesticides, fungicides, and herbicides.

- Helpful Links: <https://www.ifoam.bio/en/ifoam-family-standards-0> ;<http://www.organiclandcare.net/sites/default/files/upload/standards2011.pdf> ;http://ucbiotech.org/biotech_info/PDFs/EPA_2008_Integrated_Pest_Management_IPM_Principles.pdf
- Contact Information/ References: Pitt Grounds Crew, Rich Heller (rjh16@pitt.edu)