

Project: Medford Green Roofs

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School: Arts and Sciences

Role in School: Student

Description: Many cities are beginning to incorporate green roofs to lower the levels of carbon dioxide in the air. There are many large buildings at Tufts with lots of room. Not only would green roofs be attractive but they are a lower cost initiative that could be implemented to Tufts.

People Involved: Tufts gardening could help with the project. There would need to be occasional maintenance and it would not be a full year long project or there would need to be protection for the roofs. I would need permission from Tufts building authorities.

Budget: \$6k for plants with \$200 monthly maintenance.

Timeline: I would need to research how other buildings do this and how they are successful. I would need to strategize planting for the roofs and measure them. I would need to buy plants. I would need a team to help install. I would need to come up with a plan for maintenance

Benefit to Tufts Community: It would help Tufts be at the forefront for limiting our carbon footprint in a big way.