

# The Schoonover Green Roof Project

## Background

- 2013: a new rooftop on Schoonover Center was completed with weight capacity for a green roof.
- 2017: an interdisciplinary committee formed to examine the logistics and potential for installing the first green roof on campus dedicated to supporting research and education. A proposal was submitted to the Academic Innovation Accelerator.
- 2018: Scripps College and the School of Media Arts and Studies became collaborators in realizing the vision of a new green roof on Schoonover Center.
- 2019: Funds were secured for the design, building, and educational initiatives of the green roof.
- 2020: Installation was completed in July.



Schoonover Center before the green roof was installed (Photo: Ben Siegel)

## A Collaborative Project

- The original green roof team consisted of faculty, students, staff, and administrators from the College of Arts and Sciences, Russ College of Engineering, Scripps College of Communication, Voinovich School, Facilities Management, Office of Instructional Innovation, Office of Sustainability, University Planning. Faculty from the Business College and Patton College of Education also engaged students in projects.
- The Sustainability Executive Committee established the Green Infrastructure subcommittee in 2020 to provide long term management, support new projects, and stimulate faculty involvement.

## Goals for the Schoonover Green Roof Project

- Develop engaging curricular content that will support teaching plans and student learning.
- Support research, creative, and professional development activities for faculty and students.
- Engage students in the Ohio University Sustainability and Climate Action Plan.



Schoonover Center  
Green Roof, August 2020  
(Photo: Ben Siegel)

## Opportunities for Involvement

- The roof is only rated to support a few people at one time but virtual access is available through:
  - ◆ Live streaming
  - ◆ Video Tour
  - ◆ Data sharing
  - ◆ Virtual reality walkthroughs in 360°
  - ◆ Classroom projects
- Visit our [website](#) for resources (address below).

## The Green Initiative

Student organization for graduate/undergraduates dedicated to promoting green infrastructure on the OHIO campus and in the community.

### Four subcommittees:

- ◆ Advocacy and policy
- ◆ Outreach
- ◆ Research and Design
- ◆ Social media

**Right:**  
Biology Student, Austin, collects soil samples on the green roof for microbial analysis.



**Above:** An engineering student demonstrates water runoff on a green roof model at Athens Middle School. Engineering students also designed larger models that were donated to schools (Photo: Ellee Achton).



Newly installed green roof, seeded and covered with biodegradable mulch. Water flumes (center) help us measure movement and quality of water from the beds.

### Follow the group on:

- ◆ Instagram: ([@greeninitiativeou](#))
- ◆ Twitter: ([@ougreenteam](#))



Icon Designed by Alanis Rupprecht

## Greater Ohio Living Architecture Center (GOLA)

- Ohio University is a member of GOLA (<https://www.golacenter.org/>), a collaboration of educational institutions in Ohio for the study, investigation, innovation, and development of pedagogy, design, policy, and outreach for living architecture.
- In 2018, GOLA was designated a Regional Center of Excellence by Green Roofs for Healthy Cities and the Green Infrastructure Foundation. Ohio University is now a [Regional Living Architecture Center](#).

## Funders who made this project possible

Academic Innovation Accelerator

1804 Fund, Ohio University

PepsiCo Recycling Zero Impact Fund

Program to Aid Career Exploration (PACE), Ohio University

Visit our website for more information:

[www.ohio.edu/sustainability/schoonover-green-roof-project](http://www.ohio.edu/sustainability/schoonover-green-roof-project)



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