Office of Sustainability - What is Sustainability?

human impact on the planet

ethical space for humanity

basic rights for all
Office of Sustainability - Current Staff

Elizabeth Drake  
Director of Sustainability

Clare Hyre  
Associate Director of Sustainability

Hannah Ulloa  
Climate Action Manager

Alex Flowers  
Sustainability & Engaged Scholarship Fellow

Oswaldo Morales Solorzano  
Sustainability & Engaged Scholarship Fellow
Office of Sustainability - Programs

- Green Advisors
- President’s Sustainability Research Fellows (PSRF) & Senior PSRF Fellows
- Office of Sustainability Internships
- Sustainability Advocates
Office of Sustainability - Sustainability Priorities

- Climate crisis recognition
- Carbon neutral campus by 2035
- Zero waste leadership
- Sustainable food systems
- Crum Woods restoration
- Intersectional sustainability
- Community capacity building
Office of Sustainability - Meet Your Green Advisors

What are Green Advisors?

- Residential Peer Leaders
- Zero Waste Experts
- Campus and Community Engagement Facilitators

- Green Advisors are not Resident Assistants and they will refer you to RA or AC if questions or concerns arise outside their purview
Office of Sustainability - Who are your Green Advisors?

- Alice Paul - Vivian Guo ‘24
- David Kemp - Xezel Peshlakai ‘25
- David Kemp - Emmy Li ‘25
- Dana & Danawell - Aidan Godfrey ‘25
- Dana & Danawell - Nathan Nyguen ‘25
- Hallowell & Danawell - Tejas Sarna ‘25
- Metz - Isabel Ibrahim ‘25
- Mertz - Juna Saito ‘25
- NPPR - Hulices Murillo ‘23
- Parrish - Noe Caplan ‘25
- Parrish - Sophia Puang ‘24
- Palmer, Pittenger & Roberts - Elena Lee ‘23
- Mary Lyons- Prince Tardeh ‘25
- Willets - Hoang (Tommy) Vu ‘24
- Willets - Tina Chen ‘25
- Wharton (A&B) - Fatima Jahra ‘24
- Wharton (C&D) - Eleanor Van Rheenen ‘24
- Woolman, Kyle House, Worth - Jiho Shin ‘25
Office of Sustainability - Why be zero waste?

Who faces the most harms from waste pollution?

Clustering of waste facilities in DelCo
Let’s be Zero Waste by 2035!

- Embed zero waste culture across campus culture
- Reduce per capita waste amount on campus by 15% in 2030 and 25% in 2035
- Reach 80% diversion by 2030, 90% by 2035

Key priorities and strategies to achieve zero waste are laid out in Swarthmore College’s 2022 Zero Waste Plan
The Zero Waste Working Group oversees the College's zero waste goals and manages the many, complex aspects of campus waste systems.
Office of Sustainability - Indoor Bins on Campus
Swarthmore College community
(students, faculty, administration, staff, visitors, vendors)
generates:

- **TRASH**
  - Consolidated by EVS
  - Collected by Jack Clark & Sons
  - Burned at Covanta Incinerator in Chester, PA

- **RECYCLABLES**
  - Directly collected by Jack Clark & Sons
  - Consolidated by EVS
  - Processed by J. P. Mascaro & Sons in Birdsboro, PA

- **COMPOSTABLES**
  - Consolidated by EVS
  - Sorted by GAs
  - Collected by Jack Clark & Sons
  - Collected and hauled by EVS
  - Processed by Kitchen Harvest in Media, PA

*** Items that are not composted or recycled go to the Covanta Incinerator in Chester, Pennsylvania
Office of Sustainability - Outdoor Waste Bins

*** Bring compostable products inside buildings to ensure appropriate disposal!
Office of Sustainability - Major Zero Waste Programs

Worthmore Free Store & Move Out Program

Reusable utensil kits and reusable takeout container program

Annual Waste Characterization Study
The global climate emergency affects all of us
  - SDG Climate Emergency Letter, signed by President Valerie Smith 2019

As an educational institution, Swarthmore is:
  - Seeking the latest information and research on climate solutions
  - Implementing innovative policies and initiatives
  - Providing a model for students, peers and community

Taking responsibility for institutional impact:
  - Commitment to Carbon Neutrality by 2035
Office of Sustainability - Roadmap to Zero Carbon

- Roadmap to Zero Carbon
  - The majority of the College’s greenhouse gas emissions are from on-site fossil fuel combustion (Scope 1) and purchased electricity (Scope 2)
  - Moving toward renewable technologies
  - Series of projects to completely transform our current energy system on campus
Decarbonization - Transformation **you can see!**

1. Deep energy efficiency
   - GRF - Upgrades and renovations to improve energy efficiency

2. Electrifying building heating & cooling
   - Moving from steam to hot water
   - Geoexchange system
     - Plant - Dining and Community Commons project
     - Geoexchange wells

3. Switching to zero-carbon electricity
   - Solar
Office of Sustainability - How to get involved!

● Talk to your Green Advisors and attend RPL events
● Follow @swatsustain on Instagram, Twitter & Facebook
● Apply for the GA or PSRF program
● Join a Swarthmore student-run sustainability club

Contact the Office of Sustainability:

● Visit our website: https://www.swarthmore.edu/sustainability
● Email us at sustainability@swarthmore.edu or zerowaste@sustainability.edu