

Student E-waste Collection

Marjandy Vizcarra

Department of Environmental Sciences, Research Mentors: Susan Rivera

What is the SEC?

The SEC is a student led effort to improve waste management on campus by providing solutions to electronic waste management.

How is it done?

Collection sites strategically placed around campus at locations with high traffic (Figure 1) encourage responsible habits. Waste collected from the sites is sorted and delivered to sustainable processing pathways.

Local recycling endeavors

The CWU Student Green Fund supported the purchase of additional collection bins and costs associated with repair and recycle.

- Electronics will be collected via SEC and sorted. Some items may be repurposed.
- Small electronics will be recycled using the EcoCell program.
- Items not accepted by the Eco-cell program will be evaluated for repair.
- If repair is not feasible, remaining electronics will be responsibly recycled by Total Reclaim (CWU's current partner for waste disposal services).

Why create the SEC?

The program strengthens healthy waste management practices by creating convenient drop-off sites to encourage recycling at a product's end-of-life stage. By promoting alternative pathways, such as repair and recycling, the SEC reduces demand for the precious metals found within electronics. By promoting a circular model, natural ecosystems are protected because the need to mine new metals decreases.



Figure 1: Proposed new sites for SEC collection bins, chosen strategically using factors such as foot traffic, interest, favorable opinion, and diversity of majors.

Who's involved

The Primate Awareness Network (PAN) is the main and most influential partner of the project.

What PAN does

The original efforts by PAN had a single collection site at the SURC with plans to deliver the collected goods to EcoCell's collection site at the Woodland Park Zoo in Seattle.



New efforts

Items collected by the SEC are received and sorted by PAN to be distributed to the appropriate recycling center. For items not accepted by the EcoCell program, local low-cost alternatives are applied as partnerships grow.



Made possible with the efforts of

Primate Awareness Network (PAN)
Susan Rivera
Student Green Fund

