



**Maryland  
Green Registry  
MEMBER**

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

# University of Maryland, Baltimore



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Higher Education  
Member since September 2009

## Management and Leadership

### Environmental Team

*UMB established the Office of Sustainability in August of 2021. We have 3 full time positions focused on many aspects of sustainability, including greenhouse gas reporting and compliance, waste and recycling, and education and engagement.*

## Waste

### Solid Waste/Material Use Reduction and Reuse

*A statewide website, [www.govdeals.com](http://www.govdeals.com), is utilized to advertise furniture and equipment that is available for sale. This is managed through the UMB Surplus Property program.*

*In 2022, UMB switched to a local vendor to resell and recycle electronic waste from campus. The vendor prioritizes reselling before recycling and is located within Maryland.*

*Twice a year, the campus holds specialty collection events for waste streams including books, batteries, electronics, and ink toner/cartridges.*

### Recycling

*The University of Maryland Baltimore has had an operational recycling program since 1997 and participates in the All State Agencies Recycle (All StAR)*

*Program. Solid waste and recycling tonnages are reported to the Maryland Department of the Environment (MDE) through this program.*

*We have three major waste streams on campus – mixed metals, plastic and glass; paper and cardboard; and trash.*

*In 2023, UMB began rolling out a self-service waste model to deploy consistent centralized waste bin stations with clear signage in buildings across the campus: <https://www.umaryland.edu/evs/self-service-waste/>*

**Composting**

*UMB also began composting research animal bedding late in 2014, with over 100 tons annually being composted in 2015 and 2016. This process was put on hold around 2019, and we are looking to restart the effort in 2023 with the opening of a new Recycling Center facility on campus.*

*UMB is part of team with Baltimore City's Department of Public Works and other area universities that received a grant in 2023 to develop two community composting sites on its campus.*

## **Energy**

**Energy Efficiency**

*UMB monitors energy consumption in BTU/sf for every building on campus. At any given time, we have approximately 5-8 energy reduction effort projects active on campus.*

*UMB formed an Energy Reduction Team in 2020 to maximize energy savings with building setbacks through building automation systems.*

*In January 2022, a project started to replace all fluorescent light bulbs on campus with LEDs, and this project is 32% complete. Once completed, this project is estimated to save 5% of our total electricity consumption.*

**Renewable Energy**

*In the summer of 2022, the Office of Sustainability launched a community solar benefit program for UMB staff and faculty to receive a 10% discount on the base rate for the electricity portion of their BGE bills. Participants receive credits on their electricity bills from local community solar farms.*

*<https://www.umaryland.edu/sustainability/get-involved/community-solar/>*

*In October 2022, UMB announced its commitment to purchasing 100% renewable electricity for the 2022 calendar year and beyond. This is in addition to its existing three power purchase agreements.*

## **Transportation**

### **Employee Commute**

*The Parking and Transportation Services program includes access to free MTA passes, a carpool program, pre-taxed monthly parking permits, shuttle services, secured bicycle storage, electric charging stations, and bike air pumps.*

*UMB has 21 EV charging stations on campus. Additional chargers will be installed on a surface lot in 2023 and will be the first ADA-accessible charging stations on campus.*

*UMB is constructing a secure Bike Room on the north end of campus to complement the Pratt Garage Bike Cage, with anticipated completion in the spring/summer of 2023.*

## **Green Building**

### **LEED Certification**

*All new construction is built to the LEED Silver standard, as a minimum, which requires a number of energy efficiency & other sustainability features. The School of Pharmacy Addition received LEED Gold certification under the New Construction rating system in 2011. The Bressler Research Building received LEED Silver status for its renovations of the 7<sup>th</sup> and 8<sup>th</sup> floors of the building. The Health Sciences and Research Facility III received LEED Gold status in 2018, and the new Design & Construction office suite achieved LEED Gold certification in 2019.*

## **Environmental Certification Programs, Awards, and Other Activities**

### **Bike Friendly University**

*The Office of Sustainability submitted for the Bike Friendly University designation through the League of American Bicyclists in July 2022, and was awarded an honorable mention.*

## **Climate Action Plan**

*In early 2022, the Office of Sustainability released a strategic plan that includes greenhouse gas reduction goals in support of the Second Nature Climate Commitment. <https://www.umaryland.edu/sustainability/strategic-plan/>*

## **Chesapeake Bay Trust Urban Trees Grant**

*In the summer of 2022, UMB received a grant from the Chesapeake Bay Trust through the Urban Trees grant program to plant 65 new trees on campus to increase the urban tree canopy in Downtown Baltimore. All trees were planted in the fall of 2022, and a volunteer planting event open to members of the UMB and UMBC communities was held in November, with 11 trees being planted that day.*

## **Green Labs Program**

*In the fall of 2022, the Office of Sustainability launched a Green Labs pilot program; 4 labs from 3 of UMB's schools are participating as beta testers before the program is rolled out more widely to all research areas of campus.*

## **Freezer Rebate Program**

*In January 2023, the Office of Sustainability launched a freezer rebate program to financially incentivize labs who are replacing old ultra-low temperature (ULT) freezers to select energy efficient models. Funding is available on a first-come, first-serve basis until it is depleted.*

## **Resilience**

*The Office of Sustainability has four working groups, one of which focuses on Resilience. The group has drafted a Resilience Assessment for the campus which will be submitted to Second Nature in 2023.*

## **Tree Campus Higher Education**

*The Office of Sustainability submitted for the Tree Campus Higher Education designation through the Arbor Day Foundation and finalized its Campus Tree Care Plan in December 2022.*

**Profile Updated January 2023**



*Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.*

*Learn more at [green.maryland.gov](https://green.maryland.gov)*

