



- 1. The School of International Service (SIS)**, opened in 2010, is a Leadership in Energy and Environmental Design (LEED) Gold certified building. It boasts a 27 kW solar PV array and solar hot-water system; a 60,000 gallon rainwater collection and reuse system; LED lights in the parking garage; and green materials throughout the building.
- 2. Green Roofs** - AU has seven green roofs covering ~45,000 square feet (about 6% of total campus roof space), including: SIS parking garage and graduate offices; Media Production Center; Katzen parking garage; two terrace level roofs on Kogod; Mary Graydon Center; and Ward Circle Bldg. Green roofs reduce water pollution, improve insulation, reduce heat, provide natural habitat, reduce roof maintenance and extend roof life.
- 3. Bioretention Ponds** - Stormwater is a major source of pollution and habitat destruction in the Chesapeake Bay. Bioretention ponds use the earth to filter stormwater through layers of sand, rock, plants, & other organic material to remove contaminants and sediment and to slow and reduce the rush of stormwater into the Bay.
- 4. LED Walkway Lamps** - In 2010, AU began using highly efficient LEDs in walkway lampposts and parking garages. Because LEDs also last much longer and fail less frequently than conventional lights, the new lights enhance safety and reduce the frequency of bulb replacement.
- 5. Renewable Energy** - AU purchases renewable energy credits from wind power for 100% of campus electricity. By fall 2011, about 1.5% of campus electricity needs will be met through a combination of solar photovoltaic panels (800,000 kWh/year), solar hot water (on residence halls and MGC, 350 kWh/year), a wind turbine on the Bender Parking Garage (~90,000 kWh/year) and a Vegawatt (see #9 - 100,000 - 200,000 kWh/year).
- 6. Student Bike Lending Service** - AU students run a free bike-lending program with bike stations in the Letts-Anderson walkway adjoining the shuttle bus stop, and behind McDowell Hall.
- 7. Water-Informed Irrigation** - The campus irrigation system only waters campus grounds when the weather station indicates that water is needed, saving thousands of gallons of water.
- 8. Green Fleet Vehicles** - AU maintains a fleet of electric utility vehicles, hybrid electric pickup trucks, electric T3 personal motion vehicles, and two vehicles running on B20 biodiesel.
- 9. Trayless Dining**: The Terrace Dining Room eliminated trays in fall 2009, reducing food waste by an estimated 32% and the use of plates by 27%, saving water and electricity needed for cleaning.
- 10. Vegawatt**: The Vegawatt produces electricity and hot water by using waste cooking oil as a fuel. AU is the first school in America using this cogeneration system.
- 11. Composting**: AU composts about 10 tons of organic material every week, including food waste from TDR, paper hand towels from bathrooms, and coffee grounds from the Davenport Lounge.
- 12. Rain Garden** - The Kogod rain garden captures rainwater runoff coming down the slope of this former parking lot and filters it in the "Bay Saver" before re-releasing. The Bay Saver filter alleviates fine sediment and nutrient pollutants before they enter the waterways.
- 13. Capital BikeShare** - With over 100 bike stations, DC is home to the country's largest citywide bikesharing service. Check out bikes in front of Kogod on Mass Ave. or at the Tenleytown Metro station. Sign up at www.capitalbikeshare.com.
- 14. Community Garden** - AU's student-run community garden supplies herbs to the Terrace Dining Room and donates produce to Bread for the City.
- 15. Permeable Pavers** - The pad between Kay Spiritual Center and Ward Circle Bldg. is a pilot area for paving materials that allow water to infiltrate the soil rather than running off into storm drains.
- 16. Certified Wildlife Habitat** - AU's main campus and Tenley Campus are Certified Wildlife Habitats by the National Wildlife Federation.
- 17. Farmers' Market** - Fresh produce and local crafts are available for sale on campus every Wednesday from 10 a.m. to 4 p.m. on the Quad.
- 18. Zipcar and Zimride** - AU hosts Zipcars at the Nebraska Ave parking lot, Tenley Campus, Berkshire Apartments, and Avalon Apartments allowing campus members to have wheels when they want them without needing to own a personal automobile. Plus, AU's Zimride rideshare community is a fun way to find and share rides, saving gas, reducing traffic and meeting colleagues and classmates. Free sign up at: www.zimride.american.edu.