



SUSTAINABILITY AT LOYOLA

ENERGY AND BUILDINGS

Loyola pushes the boundary of what a University can do with new buildings and its shrinking energy footprint. We aspire to be a “Net –Zero” energy campus through massive conservation efforts, renewable energy installations and living greenroofs. Loyola’s smart infrastructure is sustainable infrastructure.

- Cuneo Hall is 60% more energy efficient than other similar buildings and uses 10% of the energy per square foot than the building it replaced (Damen Hall).
- Energy use has been reduced by 50 percent in just 10 years on Lake Shore Campus, saving over \$2 million in operating costs.
- Smart infrastructure like building automation (Information Commons), motion sensors (Quinlan Life Sciences Building) and demand response (entire campus) saves energy and money.
- There is renewable energy all over campus.

Photovoltaics make electricity at Cudahy Library and on campus stop signs. Solar thermal generates hot water at Halas Sports Center and Santa Clara Hall, and geothermal heating/cooling and a biofueled generator at the new Institute for Urban Environmental Sustainability is on its way.

- Student groups lead the way, hosting workshops and seminars, handing out compact fluorescent light-bulbs and saving energy in daily life in residence halls.
- The Retreat and Ecology Campus is on its way to being Loyola’s first “Net-Zero” campus, reducing energy bill to \$0.

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WASTE AND MATERIALS

Loyola is rethinking the materials that enter and leave campus and learning how to turn trash from waste into a resource. Loyola also engages the community to keep resources out of landfills and promote wise resource use.

- Loyola recycles 60,000 pounds per month, up from 17,000 pounds per month in 2009
- Loyola recycles more than 80 percent of all construction debris generated by rebuilding projects.
- When your computer automatically shuts off or you are limited in how many copies you can make, generated on campus, you are saving paper, energy and reducing waste.
- Students educate their peers on recycling and waste reduction in residence halls, dining venues and special events.
- Green cleaning products are used everywhere on campus reducing toxic materials.
- Students are turning waste fryer oil into biofuels for the campus shuttle and the waste products from the refining process are turned into BioSoap and Biowiper fluid.

TRANSPORTATION

Being located in the heart of Chicago makes sustainable transportation options a terrific success for Loyola. The University has several successful programs to advance sustainable transportation use on campus.

- Located on major transit routes and multiple bus routes, students receive a U-Pass for unlimited public transit use.
- Waste vegetable oil from Loyola's dining halls is converted to biodiesel fuel that powers campus shuttle buses.
- Chainlinks, a bike rental and repair business is managed by students through the Loyola Limited program.
- Campuses are conveniently located along multiple bike routes, with a protected bike cage and bike racks on both lakeshore campuses make city biking a popular, easy and safe option among students.

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WATER CONSERVATION

Located on Lake Michigan with strong research resources on water issues, Loyola is the leading university in Chicago for water-related academics, action and smart watermanagement inside and out.

- Loyola is leading the region by banning bottled water on campus.
- 35 water refill stations on both Lake Side Campuses
- Phase out begins August 1, 2012 and will complete by August 2013
- Loyola has permeable pavers, drought-tolerant landscaping, rain-water collection, and living rooftops that all reduce and divert stormwater run-off keeping 10 million gallons of water out of the sewer system.
- Strong faculty leadership on regional water issues supports research on area waterways, Lake Michigan, and water-related public health impacts.
- Smart irrigation system uses real-time weather data to conserve water use on campus.
- Students are taking action on water conservation, aquatic ecology and stormwater management through courses focusing on water issues.

FOOD AND DINING

Food impacts us all and Loyola is exploring new opportunities to make our local food system more dynamic and accessible to all.

- Dining services provides sustainable seafood through Monterey Bay Sustainable Seafood Program, local purchasing through Lower Lakes farm consortium and tray-free dining in all cafeterias, reducing cafeteria waste by 25 percent.
- Loyola coordinates two Farmers Markets weekly to provide local produce and goods;
- Loyola Farmers Market; the result of a student project focusing on food issues.
- Maywood Multi-Cultural Farmer's Market with Loyola Medical Center as a collaborator.
- Two urban agriculture demonstration projects at the Lake Shore Campus managed by students and the student group, the Growers Guild; produce grown is donated to those in need via a local non-profit.
- Student run organic farm at the Retreat and Ecology Campus in McHenry County which produce high quality vegetables, eggs and honey.

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LANDSCAPE AND BIODIVERSITY

Loyola's campus landscapes are award-winning locations that connect students to the city and the larger ecological region.

- Loyola has more green roofs than any other college in the Midwest: Baumhart Hall, Information Commons, Cuneo and Mundelein Halls, Niehoff School of Nursing, Norville Center, and the Quinlan Life Sciences Building.
- Native landscaping provides habitat for native species and migratory birds travelling along the Lake Michigan shoreline on the Mississippi River flyway.
- Loyola students work with facilities managers to make buildings 'bird-safe' during migratory season each spring and fall, closing blinds and turning out lights to prevent birds flying into windows.
- The Retreat and Ecology Campus has globally rare wetlands and oak woodlands, an organic farm and a soothing landscape for spiritual contemplation.

