Sustainability isn’t a buzzword or a fad. It’s a new way of solving old problems.

At Loyola, we take sustainability to heart and apply it to everything we do—from the courses we offer to the buildings we construct. With the opening of the Institute of Environmental Sustainability, Loyola is making its biggest investment yet toward becoming a national leader in sustainability.

Students at Loyola learn sustainability concepts in social justice, public health, business development, and dozens of other areas of study. Programs such as ChainLinks, the Biodiesel Lab, and the farm at the Retreat and Ecology Campus let students take what they’ve learned in the classroom and apply those lessons to the real world.

This report serves as a baseline of Loyola’s commitment to sustainability, where we are, and where we intend to go. As you read the following pages, we invite you to join us as we innovate and grow as a sustainable institution. SUSTAINLoyola!
By making smart investments in infrastructure and promoting sustainability across the University, Loyola is well on its way to creating the campus of the future.

**WHERE WE STAND**

LOYOLA’S LAKE SHORE CAMPUS IS BEING REBUILT AS A GREEN LIVING LABORATORY.
WHERE WE ARE GOING

Located on Loyola’s Lake Shore Campus, the new Institute of Environmental Sustainability is a one-of-a-kind facility that combines green and living.

Loyola’s new Institute of Environmental Sustainability is the centerpiece of the University’s increased emphasis on sustainability and highlights our commitment to environmental research, education, and student life.

ACADEMIC FOUNDATION
As the newest school on campus, the institute will make Loyola a destination for students interested in environmental science and education, public health and policy, and eco-friendly business development.

INNOVATIVE FACILITY
The complex will include classrooms, offices, laboratories, gathering spaces, a green café, and San Francisco Hall—a residence hall and sustainable community.

RESEARCH AND LEARNING
Loyola’s award-winning, nationally recognized sustainability programs take an innovative approach to solving environmental challenges through cutting waste, increasing efficiency, and educating the community.

TRANSFORMATION EXPERIENCES
The institute will provide students with rich learning opportunities inside and outside of the lab and classroom.

FAST FACTS

7
RESEARCH LABS IN THE INSTITUTE FOR CLEAN ENERGY, SUSTAINABLE AGRICULTURE, ENVIRONMENTAL SCIENCE, AND ANTHROPOLOGY

90
GEOTHERMAL WELLS, EACH 500 FEET DEEP, THAT PROVIDE HEATING AND COOLING FOR THE BUILDING, MAKING IT THE LARGEST GEOTHERMAL INSTALLATION IN CHICAGO

400
BEDS AVAILABLE FOR STUDENTS IN SAN FRANCISCO HALL, LOYOLA’S NEW GREEN RESIDENCE HALL
Cuneo Hall is the newest in our fleet of high-performing buildings, using just 10 percent of the energy per square foot as the building it replaced.

We are continually pushing the boundaries of what a University can do with its buildings. Through massive conservation efforts, renewable energy installations, and living green roofs, our goal is to become a carbon-neutral campus and reduce our climate impact to nothing.

**COMMITMENT TO GREEN BUILDINGS**
Whenever possible, new buildings at Loyola must be designed to achieve at least a Silver rating through the U.S. Green Building Council’s Leadership in Energy and Environmental Design (LEED) standard.

**SMART INFRASTRUCTURE**
Building automation, motion sensors, and demand response save energy and money.

**RENEWABLE ENERGY**
Loyola is committed to renewable energy on campus by using geothermal energy and photovoltaics, while off campus the University purchases power from renewable sources.

**STUDENT LEADERSHIP**
Student groups actively promote energy conservation through workshops and seminars, compact fluorescent light-bulb distributions, and daily life activities in residence halls.

**LOYOLA UNIVERSITY RETREAT AND ECOLOGY CAMPUS**
The Retreat and Ecology Campus is on its way to being Loyola’s first campus to be net-zero, with energy bills approaching $0.

**FAST FACTS**
18% DECREASE IN ENERGY USE AT LOYOLA’S LAKESIDE CAMPUSES SINCE 2008
As of August 2012

8 LEED CERTIFIED GREEN BUILDINGS CONSTRUCTED OR BEING CONSTRUCTED ON LOYOLA’S CAMPUSES
Loyola is rethinking the materials that enter and leave campus and learning how to turn trash into a resource. We also engage the community to keep resources out of landfills and promote wise resource use.

**GREEN OFFICES**
Green information technology and procurement practices save paper and energy, while also reducing waste generated on campus.

**STUDENT LEADERSHIP**
Student leaders educate fellow students on recycling and waste reduction in residence halls, dining venues, and at special events.

**A CLEANER CAMPUS**
Green cleaning products are used everywhere on campus, reducing student and staff exposure to harsh chemicals.

**WASTE TO PROFIT**
Student research explores issues with waste as a public health hazard and turns garbage into new products such as biodiesel.

**BIOSOAP**
Soap is created from a waste product of biodiesel production in the Clean Energy Lab.

**FAST FACTS**

<table>
<thead>
<tr>
<th>Year</th>
<th>Construction Debris Recycled on Campus</th>
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<tbody>
<tr>
<td>2012</td>
<td>32.9%</td>
</tr>
<tr>
<td>2011</td>
<td>23.0%</td>
</tr>
<tr>
<td>2010</td>
<td>19.9%</td>
</tr>
<tr>
<td>2009</td>
<td>15.6%</td>
</tr>
</tbody>
</table>

**WEIGHT OF WASTE AND MATERIALS LOYOLA RECYCLES EACH MONTH, UP FROM 17,000 POUNDS A MONTH IN 2009**

**AMOUNT OF ALL CONSTRUCTION DEBRIS RECycled ON CAMPUS**

**MORE THAN 80%**
Our campus landscapes are more than just award-winning locations that connect people to Chicago and the region. They are living laboratories for urban environmental research and enrichment.

**GREEN ROOFS**
Loyola has more green roofs than any other college in the Midwest. They can be found on all three Chicago-area campuses and are at 20 E. Chicago Ave., Baumhart Hall, Cuneo Hall, Mundelein Center, the Richard J. Klarchek Information Commons, the Marcella Niehoff School of Nursing, the Norville Center, the Quinlan Life Sciences Center, and the Damen Student Center.

**NATURAL HABITAT**
Loyola includes native landscaping on its grounds, providing habitat for native species and migratory birds traveling along the Lake Michigan shoreline on the Mississippi River flyway.

**BIRD-SAFE BUILDINGS**
Students work with facilities managers to make buildings “bird-safe” during migratory season by closing blinds and turning out lights to prevent birds from flying into windows. They also rescue injured birds for rehabilitation.

**A TRUE RETREAT**
The Retreat and Ecology Campus has globally rare wetlands and oak woodlands, an organic farm, and a peaceful landscape for spiritual contemplation.

**URBAN SUSTAINABILITY**
Loyola’s location in the heart of Chicago makes it a well-connected and sustainable urban school.
Located on Lake Michigan and with a strong commitment to water issues, Loyola is the leading university in Chicago for water-related research and education. As such, we are dedicated to smart water management—inside and out.

SMART SOLUTIONS
Loyola has installed permeable pavers, drought-tolerant landscaping, rainwater collection devices, and living rooftops to reduce and divert storm water run-off.

SUPPORTING WATER ISSUES
Strong faculty leadership on regional water issues supports research on area waterways, the Great Lakes, and water-related public health effects.

STUDENT LEADERSHIP
Loyola is leading the region by banning bottled water on campus to save students money, reduce plastic waste, and address global water privatization. Nearly 400,000 plastic bottles have been saved, thanks to 47 water bottle refilling stations on campus.

NEW CURRICULUM
Students are taking action on water conservation, aquatic ecology, and storm water management through courses focusing on water issues.

INTELLIGENT IRRIGATION
Smart irrigation system uses real-time weather data to conserve water use on campus.

FAST FACTS

GALLONS OF RAINWATER THAT LOYOLA KEEPS OUT OF THE SEWER SYSTEM ANNUALLY, WHICH REDUCES BASEMENT FLOODING AND SEWER OVERFLOWS

10 MILLION

GALLONS OF WATER SAVED BY LOYOLA BETWEEN 2009 AND 2010, THANKS TO ITS WATER-CONSERVATION EFFORTS

MORE THAN 58 MILLION
Students, faculty, and staff at Loyola have easy access to Chicago’s mass transportation system and other eco-friendly commuting options. The University also has several successful programs to advance sustainable transportation use on campus.

**U-PASS**
Located along major mass transportation routes, Loyola offers all students a U-Pass for unlimited public transit use.

**STAFF COMMUTING**
Pre-tax deductions encourage staff and faculty to use mass transit or a car-share network instead of driving alone to campus.

**WASTE TO ENERGY**
Used vegetable oil from Loyola’s dining halls is converted to biodiesel fuel that powers campus shuttle buses. As of July 2012, students have produced 5,400 gallons of biodiesel from 5,470 gallons of used vegetable oil.

**A BETTER BUSINESS**
ChainLinks, a bike rental and repair business, is managed by students through the Loyola Limited program.

**BIKE ROUTES**
Campuses are conveniently located along multiple bike routes. Protected bike cages and racks on both Chicago campuses make city biking a popular, easy, and safe option for students.

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**FAST FACTS**

**HOW STUDENTS COMMUTE TO CAMPUS**
- **40%** Walk
- **26%** Train
- **20%** Bus
- **7%** Drive Alone
- **4%** Carpool

**HOW FACULTY/STAFF COMMUTE TO CAMPUS**
- **34%** Drive Alone
- **3%** Carpool
- **18%** Bus
- **14%** Walk
- **6%** Bike
Food affects us all, and Loyola is exploring new opportunities to make our local food system more sustainable, healthy, and accessible. Loyola works with our community and vendors to make the whole chain of food production, processing, and consumption more sustainable.

**FOOD AND DINING**

**STUDENT DINING**
Dining services provides sustainable seafood through the Monterey Bay Sustainable Seafood Program, local purchasing through Lower Lakes farm consortium, and tray-free dining in all cafeterias.

**FARMERS MARKET**
Loyola hosts an independent weekly farmers market to provide local produce and goods; the market is the result of a student project focusing on food issues.

**BIO DIESEL**
Students recycle waste fryer oil from all our cafeterias through the student-run biodiesel program. Loyola is the only university anywhere with a license to sell biodiesel.

**URBAN AGRICULTURE**
Students manage multiple urban agriculture projects at the Lake Shore Campus and donate produce to those in need via a local nonprofit organization.

**ORGANIC FARMING**
An organic farm at Loyola’s Retreat and Ecology Campus is run by students and produces high-quality vegetables, eggs, and honey for the dining hall.

**FAST FACTS**

DECREASE IN PLATE WASTE AT LOYOLA’S CAFETERIAS AFTER THE UNIVERSITY BEGAN TRAY-FREE DINING

AMOUNT OF FOOD GROWN AT LOYOLA UNIVERSITY RETREAT AND ECOLOGY CAMPUS IN 2011 AND 2012

25%
5,500 lbs.
Loyola University Chicago is leading the way for sustainability in higher education. We encourage everyone in the Loyola community to participate in our mission and to choose carbon-smart options when possible.

If you would like more information on any of the data or examples described in this report, please contact the Office of Sustainability.

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