



Postsecondary Sustainability Award Nominee Presentation Form

ELIGIBILITY CERTIFICATIONS

College or University Certifications

The signature of college or university President (or equivalent) on the next page certifies that each of the statements below concerning the institution’s eligibility and compliance with the following requirements is true and correct to the best of their knowledge.

1. The college or university has been evaluated and selected from among institutions within the Nominating Authority’s jurisdiction, based on high achievement in the three ED-GRS Pillars: 1) reduced environmental impact and costs; 2) improved health and wellness; and 3) effective environmental and sustainability education.
2. The college or university is providing the U.S. Department of Education Office of Civil Rights (OCR) access to information necessary to investigate a civil rights complaint or to conduct a compliance review.
3. OCR has not issued a violation letter of findings to the college or university concluding that the nominated college or university has violated one or more of the civil rights statutes. A violation letter of findings will not be considered outstanding if OCR has accepted a corrective action plan to remedy the violation.
4. The U.S. Department of Justice does not have a pending suit alleging that the college or university has violated one or more of the civil rights statutes or the Constitution’s equal protection clause.
5. There are no findings by Federal Student Aid of violations in respect to the administration of Title IV student aid funds.
6. The college or university is in good standing with its regional or national accreditor.
7. The college or university meets all applicable federal, state, local and tribal health, environmental and safety requirements in law, regulations and policy and is willing to undergo EPA on-site verification.

U.S. Department of Education Green Ribbon Schools Postsecondary Sustainability Award

Public 4-Year Public 2-Year Private Non-Profit

Name of President/Chancellor: Jo Ann Rooney, JD, LLM, EdD
(Specify: Ms., Miss, Mrs., Dr., Mr., etc.) (As it should appear in the official records)

Official College or University Name: Loyola University Chicago
(As it should appear on an award)

College or University
Street Mailing Address: 820 N. Michigan Avenue, Chicago, IL 60611
(If address is P.O. Box, also include street address.)

County: Cook IPEDS Number*: 146719

Telephone: 773 274 3000 Fax:

Web site/URL: www.luc.edu E-mail:

*Integrated Postsecondary Education Data System

I have reviewed the information in this application and certify that to the best of my knowledge all information is accurate.



A handwritten signature in black ink, appearing to read "Jo Ann Rooney".

Date: 2-14-19

 (President's/Chancellor's Signature) Jo Ann Rooney, President

Nominating Authority's Certifications

The signature by the Nominating Authority on this page certifies that each of the statements below concerning the college or university's eligibility and compliance with the following requirements is true and correct to the best of the Authority's knowledge.

1. The college or university has been evaluated and selected from among institutions within the Nominating Authority's jurisdiction, based on high achievement in the three ED-GRS Pillars: 1) reduced environmental impact and costs; 2) improved health and wellness; and 3) effective environmental and sustainability education.
2. The college or university meets all applicable federal, state, local and tribal health, environmental and safety requirements in law, regulations and policy and is willing to undergo EPA on-site verification.

Name of Nominating Agency: Illinois Board of Higher Education

Name of Nominating Authority: Mr. Nyle Robinson, Executive Director
 (Specify: Ms., Miss, Mrs., Dr., Mr., Other)

I have reviewed the information in this application and certify to the best of my knowledge that the school meets the provisions above.

A handwritten signature in black ink, appearing to read "Nyle Robinson".

Date: February 14, 2019

 (Nominating Authority's Signature)

SUBMISSION

The nomination package, including the signed certifications, narrative summary, documentation of evaluation in the three Pillars, and photos should be submitted online according to the instructions in the Nominee Submission Procedure.

OMB Control Number: 1860-0509

Expiration Date: March 31, 2021

Public Burden Statement

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. The valid OMB control number for this information collection is 1860-0509. Public reporting burden for this collection of information is estimated to average 37 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. The obligation to respond to this collection is required to obtain or retain benefit P.L. 107-110, Sec. 501, Innovative Programs and Parental Choice Provisions. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the U.S. Department of Education, 400 Maryland Ave., SW, Washington, DC 20202-4536 or email ICDocketMgr@ed.gov and reference the OMB Control Number 1860-0509. Note: Please do not return the completed ED-Green Ribbon Schools application to this address.



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College & University Applicant Information

- College/University Name: Loyola University Chicago
 Street Address: 820 N. Michigan Ave, Suite 1500
 City: Chicago; County: Cook
 Zip: 60611
- Website: www.luc.edu/sustainability
 Facebook page: <https://www.facebook.com/LoyolaChicago>
- President/Chancellor Name: President Jo Ann Rooney, JD, LL.M, EdD
 President/Chancellor Email Address: president@luc.edu
 Phone Number: 312 925 6400
- Lead Applicant Name (if different): Aaron Durnbaugh, Director of Sustainability
 Lead Applicant Email: adurnbaugh@luc.edu
 Phone Number: 773 508 7558

Size, Setting & Enrollment Profile

<input type="checkbox"/> Public 4-Year <input type="checkbox"/> Public 2-Year <input checked="" type="checkbox"/> Private Non-Profit	Graduation Rate: 74.2% Average Institutional Net Price: \$34,526	Undergraduate Enrollment: 11,919 Graduate Enrollment: 5,088	% of Undergraduates receiving Pell Grants: 25% Minority Serving Institution (specify all that apply): N/A
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1. Is your college or university participating in a local, state or national program which asks you to benchmark progress in some fashion in any or all of the Pillars?

Yes No Program(s) and level(s) achieved: AASHE STARS – Gold Rating. We also benchmark for energy efficiency, carbon footprint, bike-friendliness, community service, and many other metrics.

2. Has your college or university received any awards for facilities, health or environment?

Yes No Award(s) and year(s): We’ve recently received three awards: Climate Leadership – Association for Catholic Colleges and Universities/ Solution Generation, Sustainability Award – Illinois Sustainable Technology Center @ UofIllinois, Climate Leadership – US Green Building Council / Second Nature.



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Overview Summary Narrative for Highlights Report (Limit 2 Pages)

Provide a narrative describing your institution's efforts to reduce environmental impact and costs; improve student and staff health; and provide effective environmental and sustainability education. Include unique and innovative practices and partnerships. Be sure to cover every ED-GRS [Pillar](#) and underlying element in this overview of your work. See some examples in our past [Highlights Reports](#).

Loyola University Chicago has made a commitment to address climate change and the associated disruptions to natural and social infrastructure and systems as a key aspect of our mission of social justice. Announced as part of a series of events around the release of *Laudato si'*, Pope Francis' Encyclical on Ecology, Loyola released '*A Just Future*', our climate action plan with a carbon neutrality goal of 2025. Loyola University Chicago addresses sustainability as a part of our mission of social justice and consistent with Pope Francis' Encyclical. Our commitment to sustainability has been part of our campus planning for the last decade with:

- 11 high-performing, LEED-certified buildings
- an exemplary sustainable landscape at the Lake Shore Campus and
- more green roofs than any university in the Midwest.

As a Catholic, Jesuit, urban, university, Loyola addresses climate through three main strategies; our campus, our curriculum and our community engagement.

Campus

A transformation of our campus infrastructure has reduced our carbon emissions by 38% from a baseline of 2008 per square foot of facility. Loyola is now home to 11 LEED certified buildings across three campuses and has more green roofs than any other university in the Midwest. We engage our community through dashboards, signage and a "campus as lab" program that allows students to work on improving the infrastructure all around them. We are well known for our student-run biodiesel program which fuels our shuttle buses and provides our restroom soap all made from waste vegetable oil. Our buildings are high-performing and energy efficient and two campuses feature large-scale geothermal installations. To meet the carbon-neutral goals of the Climate Action Plan, we are implementing a new energy master plan, making commitments to purchase clean energy, siting photovoltaics on campus rooftops and creating new climate change resources for our faculty. Our campus is a highly visible example of climate action.

Curriculum

We offer over 1,300 courses that address sustainability and our Institute of Environmental Sustainability is creating solutions to the major issues of climate change and environmental justice by combining environmental science with policy, business and public health. Loyola is a gold rated university in AASHE's Sustainability Tracking, Assessment and Rating System (STARS). On curriculum, our Institute of Environmental Sustainability recently hosted its fourth annual Climate Change Conference focusing on the economics of climate and convening faculty and students from nine different countries as well as 13 of the 28 Jesuit



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colleges. New academic programs now provide 9 different degrees that incorporate sustainability including Bachelors, Graduate dual-degrees and Minors. A greenhouse living/learning community for 70 first-year students combines residence life and learning to improve academic outcomes within and outside of the classroom. Our undergraduate core curriculum was updated in 2012 to incorporate foundational environmental literacy concepts for all students. In a survey of incoming first-year students, 47% said that Loyola's sustainability commitment was "Important or Very Important" to their decision to attend Loyola.

Community

Our employees engage in sustainability efforts through direct service days in our neighboring Chicago communities. Our human resources' benefits and wellness programs encouraging sustainable behavior and healthy activities including Bike to Work Week, Go Move Challenge, Fall EcoChallenge, and Emerge, our professional development program. Recognized for community service and engagement by the Carnegie Foundation and the Corporation for National and Community Service, all students participate in engaged learning requirements serving our community directly throughout the year. Loyola is consistently ranked in the top 10 in the nation for our commitment to sustainability through engagement with students, faculty and the community. The campus community has organized around climate action with Loyola students helping develop a Climate Action Plan for the Edgewater Neighborhood. More recently, Loyola has organized a new Sustainability Committee consisting of high-level administrators to oversee and implement our Climate Action Plan and our student sustainability fund, The Green Initiative Fund, a Community Sustainable Action Scholarship, Compost Network, Storm-water Stories, food donations and other sustainability programs bring Loyola's sustainability strengths into our surrounding neighborhoods. To address our endowment management, Loyola has updated our investment policy with new "Responsible and Sustainable Investing Principles". These are being introduced to our money managers in order to remove our exposure to fossil fuel investments and create high impact investments into emerging clean energy and socially just companies. This work builds off of Loyola's Shareholder Advocacy Committee which led shareholder action (filings and co-filings) on a number of issues including water privatization and fossil fuel extraction financing. We are broadening and deepening our neighboring community engagement efforts with the development of Lake Shore Community Partners, an initiative to develop relationships along four priority areas; health, business, education and safety. A community clinic addresses health disparities, RogersEdge supports local small businesses, partnerships with area schools address education challenges and partnerships with police and community groups create safe communities. All four of these initiatives have environmental elements that are community-driven and Loyola supported. At Loyola, sustainability isn't just something that stays on campus, it is a critical part of our commitment to be agents for social justice in the community.

We are committed to using our strength in climate action and resilience to support our surrounding communities, while providing a learning and development opportunity for our students. Our Climate Action Plan states;

Loyola's emissions contribute to climate change, which is

-Inequitably experienced by vulnerable people around the world and

-It is much more efficient to prevent problems (reduce emissions) than respond to catastrophes, and



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-Loyola's students and values address and mitigate the impacts of climate change, and

-Our graduates will be the next generation of problem solvers.

Our commitment to carbon neutrality and our demonstrated efforts to transform our campus and neighboring communities are an embodiment of this responsibility and opportunity.

Pillar 1: Reduced Environmental Impact and Costs (Limit 3 Pages)

Describe how your college or university is reducing environmental impact and costs by reducing or eliminating greenhouse gas emissions; improving water quality, efficiency, and conservation; reducing waste production; and encouraging use of alternative transportation. Identify your institution's energy-efficient facilities and practices, ecologically beneficial uses of grounds, and methods of disposal for solid and hazardous wastes.

As mentioned above, Loyola Chicago has had an aggressive sustainability program for a number of years. We utilize 2008 as our baseline because this is the best back-casting data we can attribute to our activities.

Electricity - In 2008, Loyola's two main campuses (Water Tower and Lake Shore) utilized 62,500,000 kWh. Through many new high-performing buildings and efficiency retrofits, the annual use in FY18 has reduced to 55,606,395 kWh (12% decrease) while square footage has increased by 13%. At last year's electricity rate, this is a savings of over \$700,000 per year.

Natural Gas - In 2008, Loyola's two main campuses (Water Tower and Lake Shore) utilized 3,201,705 Therms. Through many new high-performing buildings and efficiency retrofits, the annual use in FY18 has reduced 1,190,485 therms per year to 2,011,209 therms (38% decrease). At last year's rate, this is a savings of over \$1.1 Million per year.

Potable Water - In 2008, Loyola's two main campuses (Water Tower and Lake Shore) utilized 113,582,000 gallons of water or 30 gallons per square foot. Through many water retrofits and behavior change initiatives, the annual use in FY18 has reduced to 26.5 gallons per square foot.

Waste - Loyola switch waste haulers in 2010 to get better tracking and reporting from our vendor. Our baseline is 2010 for the two main campuses (Water Tower and Lake Shore). In 2010, the landfilled waste totaled 1,100 tons and the recycled waste totaled 272 tons. These amounts have improved to total 654 landfilled tons and 374 recycled tons (2017). Additionally, we send 190 tons of organic waste (mostly food) for commercial composting. We get no cost savings from these activities.

Greenhouse Gases - In this time, the greenhouse gas emissions have reduced from 85,085 metric tons CO₂e (2008) to 65,979 metric tons CO₂e (2016) with an annualized reduction of 2,411 metric tons CO₂e. We get the cost savings from the electricity, water and natural gas savings listed above from these activities.

Transportation – Due to the urban nature of our campuses, over 95% of students and 70% of employees take a sustainable transportation option while commuting. This includes public transit, biking and walking. Loyola supports these efforts with discounted bike share, transit benefits and other programs. The Lake Shore Campus of Loyola is on the shores of Lake Michigan and is a model for coastal development and stormwater management with green infrastructure including rain gardens, permeable paving, native gardens and more green roofs than any university in the Midwest. We



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have developed programs to make our buildings and our campus more friendly to wildlife including bird-safe buildings and habitat gardens on campus.

Pillar 2: Improve the Health & Wellness of Students, Faculty, and Staff (Limit 3 Pages)

Describe how your college or university improves the health and wellness of students, faculty and staff by integrating a campus-wide environmental health program and promoting sound health and wellness practices. You should discuss integrated pest management, contaminant controls and ventilation, asthma controls, indoor air quality, moisture control, and chemical management. Address the amount and type of outdoor time that your students and staff have, as well as the types of fresh, local, and organic food that they eat. Other components you may want to include are: health education, health services, counseling, psychological and social services, staff health promotion and family and community involvement.

As a campus of 16,000 students including over 4,000 residential students, Loyola is committed to health and wellness as part of our sustainability efforts. From on-campus services to supportive programs, Loyola's efforts address a holistic approach to wellness. Our Wellness Center provides direct services to our students for physical and mental health concerns. Our Faculty and Staff can take advantage of wellness-supporting benefits programs promoting healthy lifestyles.

Loyola's green cleaning policy assures that over 95% of all cleaners are low-, no-toxic to keep residence halls safe and sustainable and protect our workers. Our Green Labs program addresses exposure to harmful products while encouraging waste diversion and energy efficiency.

Transportation related programs such as GoMove! And Bike2Campus Week support healthy lifestyles and provide students and employees with incentives to participate. Our Dining Halls provide nutrition information, vegetarian/vegan options and we've just opened a new Dining Hall for those with allergy, religious, or other food concerns. Along with our LeanPath program, we've reduced food waste by 30% with tray-free dining, smaller portions, a food-recovery network chapter, and other actions.

Our RogersEdge and RambleAround program support local businesses and encourage the Loyola community to embrace our local communities. Shared development planning and programming have embraced an "Anchor Institution" responsibility engaging local elementary and high schools and supporting community groups as they advance sustainability.

Our 'RambleOutdoors' program takes students on outdoor excursions including kayaking and camping trips, including to our own Retreat and Ecology Campus in McHenry County, Illinois. This campus is set up for retreats including a student-run farm, ongoing ecological restoration, and a low- and high-ropes course for team-building and physical activity.

Pillar 3: Effective Environmental & Sustainability Education (Limit 3 Pages)



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Describe how your college or university provides effective environmental and sustainability education. Provide examples of interdisciplinary learning about the key relationships between dynamic environmental, energy, and human systems. Demonstrate how your institution uses the environment and sustainability to develop STEM and civic content, knowledge, and thinking skills. *Note that STEM and civics work discussed should be described in relation to environmental and sustainability learning.*

The curriculum of Loyola has been transformed to support sustainability learning objectives. In 2012, the Core Curriculum was modified to mandate all undergraduates meet sustainability literacy objectives under the Tier 1 and Tier 2 'Science Core' criteria. This, along with the 2013 launch of the Institute of Environmental Sustainability, has provided both a general as well as a specific focus on sustainability in the undergraduate experience. Connected to Loyola's commitment to engaged learning, this has created disciplinary and interdisciplinary approaches to teaching sustainability. In the graduate programs, Loyola has worked to partner in five-year combined bachelors and masters programs and now provides these in Public Health, Business Administration, and Public Policy. Additional graduate programs in Sustainable Business, Environmental Advocacy, and Environmental History are available.

Academic efforts are not limited to the classroom or lab. Learning Communities include sustainability with the Greenhouse LC, First Year Research Experience, and the Social Justice LC addressing environmental justice and sustainability topics. Immersive learning experiences are offered in sustainability-focused study-abroad programs to Belize, China, Sweden and Iceland. The engaged learning requirement was recently expanded to explicitly identify sustainability efforts and there are over 200 sustainability-related internships available both on-campus and with off-campus partners each year. Student-run enterprises including the Loyola Farmers Market, Biodiesel Program, ChainLinks Bike Shop, Urban Agriculture and the Retreat and Ecology Campus Farm all blend learning and work experiences in support of academics.

First Year Research Experience, Carbon Scholars, and other Loyola Undergraduate Research Opportunity Programs (LUROP) advance STEM for underserved communities often connecting to sustainability initiative through our 'Campus as Lab' program where operations questions and data become available research resources. Launched in 2014, Loyola has created Arrupe College, an Associate's Degree 'school within a school' for under-represented students aspiring to higher education. Arrupe follows our Jesuit mission and connects with the resources of the larger University to share lab and instructional space and create a 'bridge' to full bachelors degree programs. Loyola also recently formed a new Engineering Sciences Department with a focus on Environmental Engineering to support additional learning in STEM fields and drawing from the campus infrastructure and academic expertise in Physics, Environmental Science, and other Departments.

Because of Loyola's background as a faith-based institution, the ethics of our disciplines are front and center. Programs in Bioethics, Business Ethics and a new Center for Digital Ethics and Policy support an active schedule of civic engagement programs. From major conferences to student internships, the program on Civic Engagement and Civil Discourse is active across campus and has led to policy changes on campus such as the ban on bottled water and plastic bags as well as university policy statements on topics including a price on carbon and clean energy development.



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Supporting Materials

Attach a **minimum of three photos** and a **maximum of five photos** with your application. Please save your photos using descriptive language. For example, “Students conduct water quality tests in outdoor classroom with science majors from nearby university x” would be more helpful than “Photo 1.” **Photos should be action shots, not posed.** By sending these photos, you are giving the U.S. Department of Education permission to use them.

Please provide a brief description (300 characters) for each:

Image 1: Energy Audits_231: In support of a new Energy Master Plan, a team of students worked with the consultant to inventory equipment and conditions for 24 buildings, over 1,900 rooms, over 5,000 pieces of equipment across 2 million square feet. This data informed Loyola’s energy efficiency work and reduced our carbon footprint.

Image 2: Lollapalooza2017: In a partnership with Lollapalooza, over 60 Loyola students staff the Divert It Teams, encouraging proper composting and recycling and diverting over 100 tons from the landfill.

Image 3: 14.04.02_Chainlinks_002: One of Loyola’s student-run businesses, Chainlinks is a full service bike shop and rental program. Along with electric vehicle charging, protected bike corrals, transit passes, and discounted bike share participation, Loyola encourages alternative transportation for all students, staff and faculty.

Image 4: IES-Greenhouse02: In 2013, Loyola opened a new building and academic program, the Institute of Environmental Sustainability. A LEED Gold building and home to Chicago’s largest geothermal installation, a production greenhouse, and the only student-run Biodiesel program in the nation.

Image 5: LSC_Spring_Semester_Begins: A view of Loyola’s Lake Shore Campus on the shores of Lake Michigan.

Submit Your Application

Applications must be received by 5:00 PM on Monday, January 14, 2019. Applications are being collected by the Illinois Green Alliance on behalf of the Illinois Board of Higher Education (IBHE).

For an application to be considered, it must be **submitted via email** to info@illinoisgreenalliance.org. Submittals via other methods will not be accepted.

Questions? Contact Illinois Green Alliance at 312-245-8300.

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