



*Preparing people to lead extraordinary lives*

## **Department of Facilities Management Report**

Phil Kosiba, November, 2007

### A. Lakeside Campuses Green Projects (in progress)

1. Construction of the Information commons, which is expected to obtain Silver LEED certification.
2. Inter-disciplinary course, Solutions to Environmental Problems established.
3. Waste Reduction Committee to educate the Loyola Community about the importance and methods of recycling.
4. Green roofs for all new construction Mundelein Center, Info Commons, Quinlan and, Baumhart Hall.
5. Use of semi-permeable paving material for all campus roads and pedestrian walks and use of semi-permeable artificial turf (instead of natural grass) to reduce storm water runoff to city sewer system.
6. All new construction projects to be LEED certified.
7. Sustainability assessment in progress.
8. Use of battery powered service vehicles on campus.
9. Use of electric/battery powered service vehicles on LSC campus.
10. Compact fluorescent, energy saving bulbs installed in all student residences and available to students free of charge.
11. Prototype PV array use (Cudahy Library)
12. Use of solar powered flashing light stop signs
13. Switched waste haulers to Lake Shore Waste Services who is an efficient recycling contractor.
14. Liaisons in departments to share consumption reduction and recycling methods with students, faculty and staff.
15. Solar powered compactor prototype installed at LSC.
16. Completed numerous energy reduction projects: lighting retrofits, boiler and chiller replacements, variable speed pumping etc.

## B. Lakeside Campuses Green Opportunities (Future)

Project in the planning stages:

1. Sustainability Task Force to create and outline next steps and strategic plans to reduce Loyola's ecological footprint.
2. Hiring a Sustainability Initiative Director to lead all of Loyola's efforts.
3. Solar water heating: for Halas Sports Center pool and domestic hot water and Santa Clara residence hall for domestic hot water (2008)
4. Heat Recovery for Quinlan and Flanner (low temp differential air to air) (2009)
5. Development of CO<sub>2</sub> a reduction plan for the lakeside campuses. (2008)
6. Reduction in the use of spray irrigation for lawns and plant materials by converting to drip system as well as use of more drought resistant plant materials. (2008)
7. Bio-diesel pilot plant production project (2008)
8. Hybrid bio-diesel vehicles for larger campus service vehicles (facilities and campus safety)