

# Campus Sustainability Revolving Loan Funds

Schools Leading the Way  
2009 CERTs Conference

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University

# The Macalester Conservation and Renewable Energy Society (MacCARES)

- MacCARES “catalyzes global warming solutions through energy efficiency, smart design, and renewable energy at Macalester and many other communities to which we belong. Focusing on student initiatives and practical implementation, we work to bring the way we live into alignment with the ideals we hold.”
  - Early successes included:
    - Urban wind turbine
    - Green roofs
    - Green building practices in athletic center
    - Urban prairie
    - Eco-House
    - The Clean Energy Revolving Fund (CERF)...



# CERF: The Clean Energy Revolving Fund

- MacCARES students founded the CERF fund in 2007.
- Fund for energy-efficiency - savings are reinvested.
- CERF Board: student, faculty, staff, alumni, and neighbor.
- Early donations from unlikely sources.
- Projects have included:
  - Insulation of student housing.
  - Energy-efficient refrigerators.
  - Water-saving toilets.
  - 4-foot florescent light bulbs (case study).



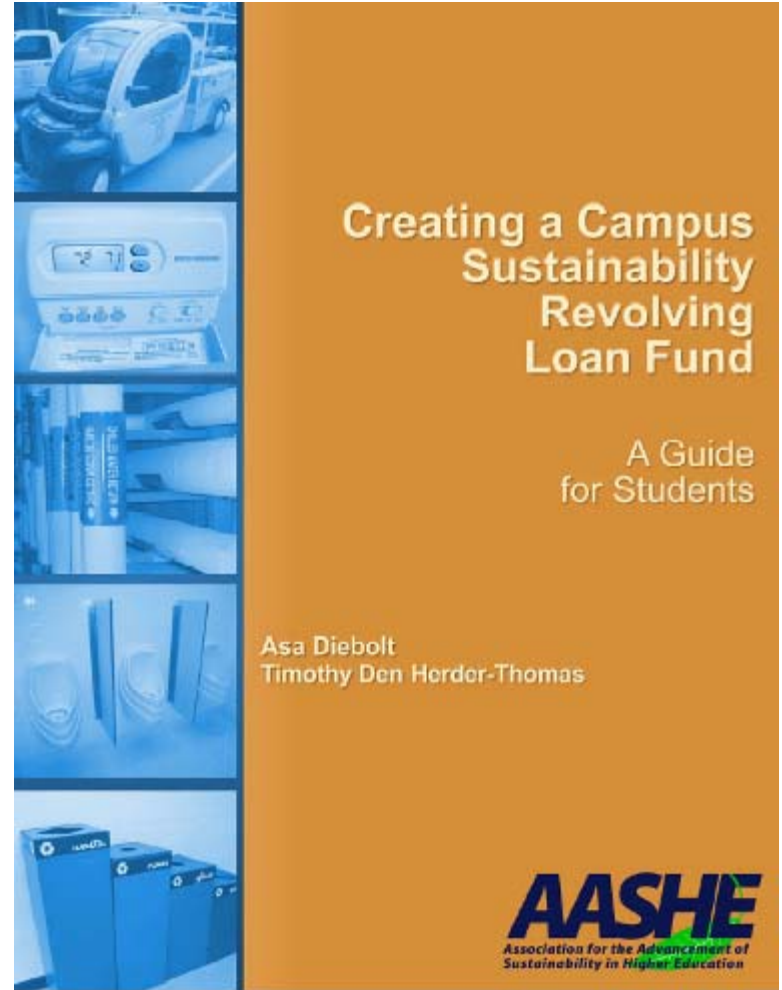
# Light Bulb Retrofitting Project

- Replace 32-watt 4-foot florescent bulbs with 25-watt “Alto II’s”
- 16,000+ bulbs, \$60,000+ in costs.
- Bulb payback: 2 years at 10 hrs/day.
- Coordinated and installed by students, with much staff help.
- Work-study employment, as well as volunteers, were integral.
- 1.5 years later,  $\frac{3}{4}$  of campus changed with wide engagement.



# CERF's up

- CERF now at ~\$100,000.
- Close campus partnerships.
- National recognition:
  - AASHE publication
  - Brower Youth Award
- Spreading locally:
  - Cooperative Energy Futures
  - TEAM MN



# CSB/SJU Green Fund

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TEAM MN in the pursuit of \$100,000

# Echo

- CSBSJU club which promotes environmental awareness and action on the campuses and in the community.
- Prior Projects:
  - Eliminate Styrofoam
  - Computers Sleep Mode
  - Other initiatives





- A network of college student groups focused on movement building for action across Minnesota campuses. We foster sustainability through **campus action, statewide, regional, and national campaigns, and innovative community development.** Together, we are a strong voice for Minnesota's future.
- Minnesota Powershift 2008: Revolving Funds



# Green Fund

Creating a More  
Sustainable  
Campus  
Environment

Two CSB/SJU professors, Ernie Diedrich and Derek Larson, have established the Saint John's Green Fund to support environmental projects initiated by faculty, staff, the monastic community and students that promote sustainability on campus and involve students in ways that build Saint John's capacity to promote sustainability.

"Colleges and universities like ours can offer the world a better way to live, because this is where future leaders are educated, and it is in these places where ideas flourish and the long-term is considered," said Ernie Diedrich, professor of economics.

The goal of the Saint John's Green Fund is to actively model and encourage the transition to a more sustainable way of living. Projects supported by the Green Fund will focus on construction, both new and reconstruction; procurement of materials; land use and landscape; energy conservation; renewable energy and greenhouse gas reduction; water conservation and quality; waste management; and education and outreach.

"Given Saint John's and Saint Benedict's emphasis on environmental studies, environmental stewardship and the Catholic Benedictine values, the Green Fund is a logical way to interest others in environmental issues and to support educational and campus operations projects with positive environmental impacts," said Derek Larson, associate professor of history and environmental studies program director. To support the Green Fund, call 800-635-7305.

# Previous Green Fund Status

- CSB Green Fund has \$6,000 (estimate)
- SJU Green Fund has \$1,000 (estimate)
- They need to have \$25,000 each before they can be used (most often, only the principle will be used)
- **We decided to start a campaign to raise \$100,000 before the end of the school year to jumpstart both**



# Game Plan:

Build a grassroots campaign to rally support, donations and excitement for these funding mechanisms and their incredible possibilities.

## What we need:

- Spread the word
- High quality materials for mass exposure
- Donations of all sizes

## What we did:

- Talked to students at the link bus stop
- Made brochures and signs to promote funds
- Wrote letters to Development Office staff about funds
- Met with the Development Office staff
- Presented to the Student Senate

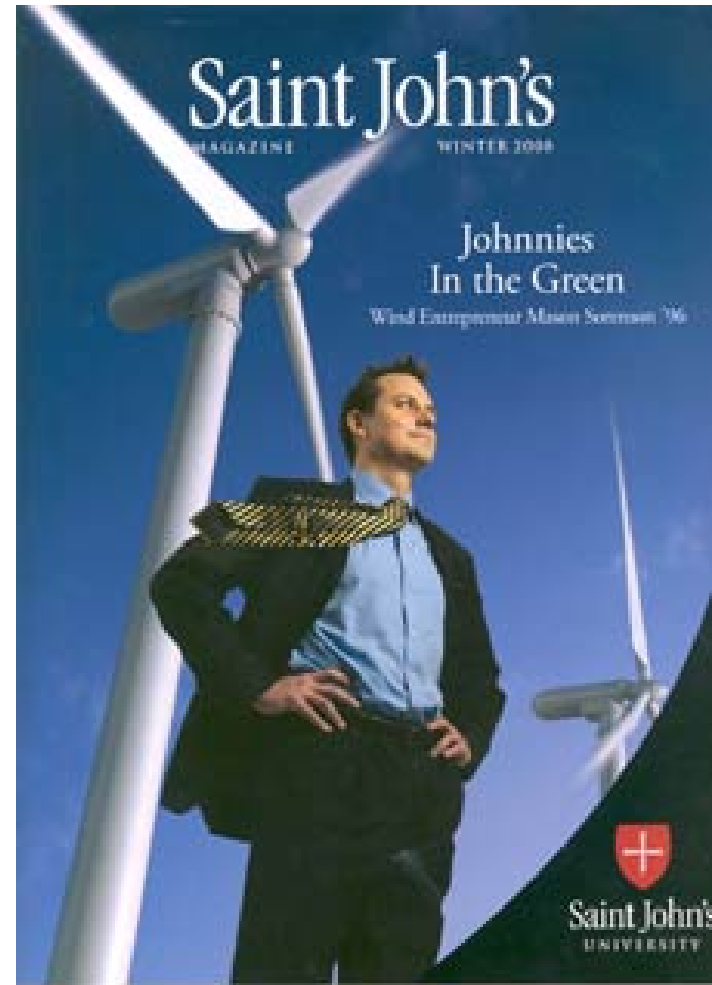
# Current Green Fund Status

- CSB Student Senate Support
- Support from students through letters
- CSB Green Fund has \$6,000 (estimate)
- SJU Student Senate Support
- Support from students through letters
- SJU Development Office allocated \$10,000
- Now SJU Green Fund has \$11,000 (estimate)



# Future Plans

- Present to First Year Symposium Classes
- Meet with Alum
- Campaign the student body more
- Ask for student suggestions for projects
- At least bring the each fund to \$25,000 to start projects



# Thanks!

- If you'd like to get a hold of Matt Kazinka and ask about CERF, Cooperative Energy Futures, TEAM MN, or other initiatives, please contact:
  - [mkazinka@gmail.com](mailto:mkazinka@gmail.com)
- If you'd like to reach Lindsay Wimmer and ask about the Green Fund or TEAM MN please contact:
  - [lrwimmer@csbsju.edu](mailto:lrwimmer@csbsju.edu)