



Sustainability at W&M

2010



2011



Committee on Sustainability

STEERING COMMITTEE

Co-Directors: Lynda Butler, Dennis Taylor

Members: Randy Chambers, Steve Cole, Andy Fisher, Dave Shepard, Bob Avalue,
Clare Stankwitz, Lauren Edmonds, Bryce Ritter

COS Fellow: Sarah Hanke

Administration: Anna Martin, Sam Jones, Ginger Ambler

- Science and Technical
Advisory Committee (STAC):

- Chairs: Randy Chambers and
Lauren Edmonds

- Working Groups:
 - Greenhouse Gases
 - Stormwater Management
 - Land Use

- Operations (OPS):

- Chairs: Dave Shepard and
Bryce Ritter

- Working Groups:
 - Energy
 - Green Cleaning & Procurement
 - Recycling/Waste Management

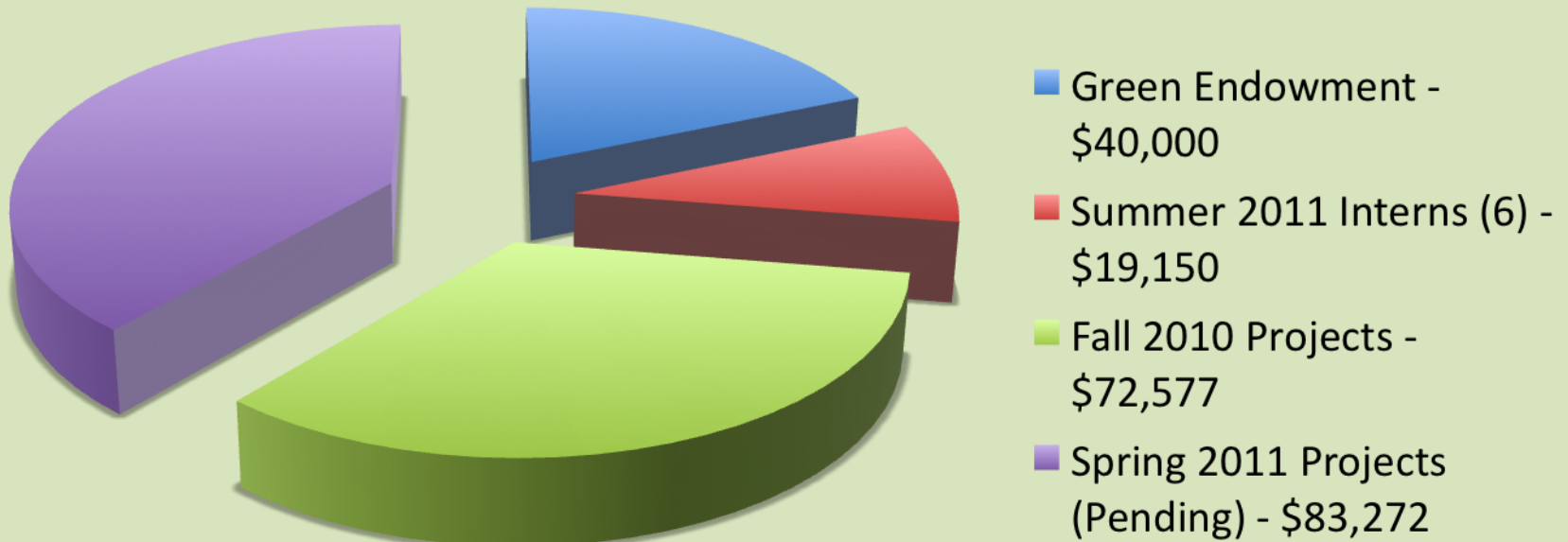
- Programs and Education
(PEDS):

- Chairs: Andy Fisher and
Clare Stankwitz

- Working Groups:
 - Education and Outreach
 - Food Services

AY 2010/2011 Green Fees

Total Green Fees \$215,000



Green Endowment Value (02/2011) \$147,779

Fall 2010 Green Fee Projects*

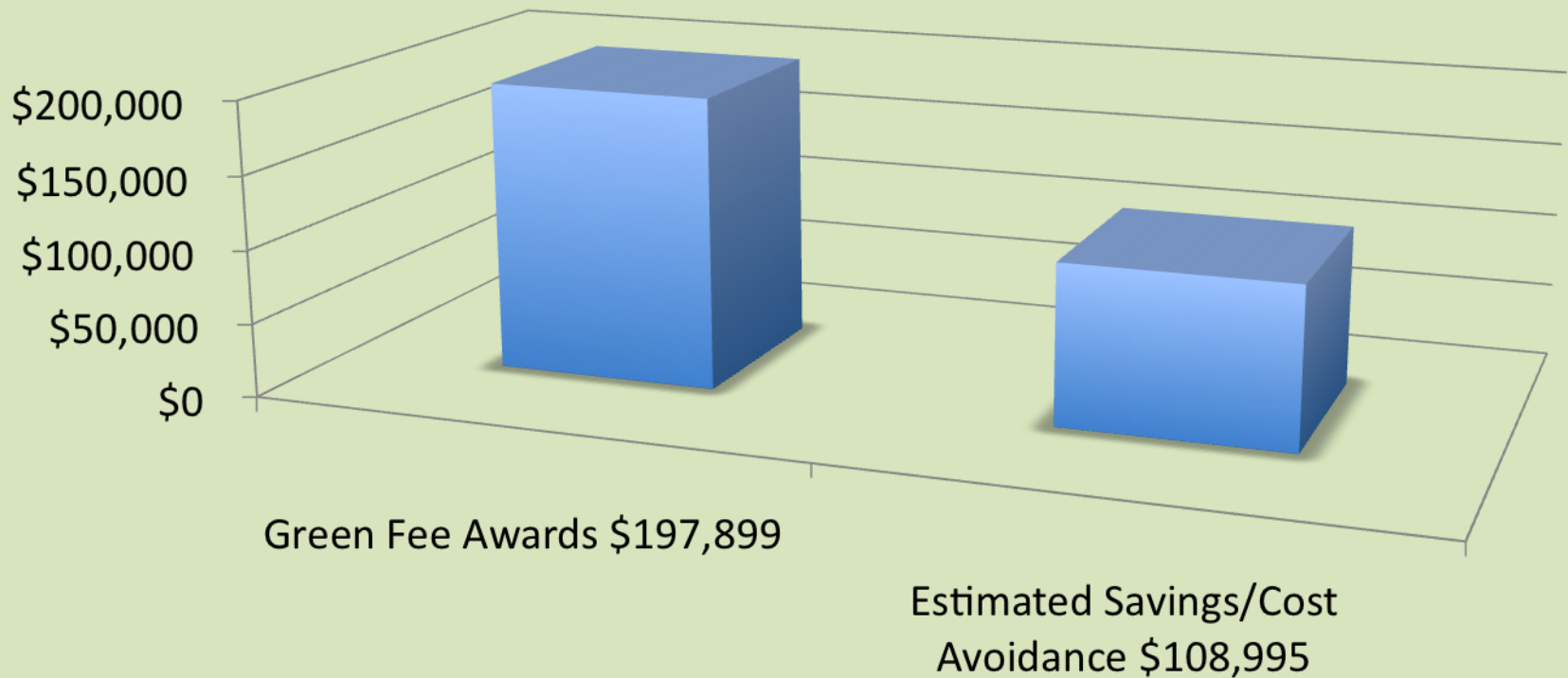
- Facilities Projects:
 - Law School Lighting Retrofit
 - Swem Library Variable Drives
 - Research:
 - Micro-hydroelectric turbines
 - Solar Powered Center for Geospatial Analysis
 - VIMS Greenhouse Gas Inventory
 - Acquisition of Resource Data Layers in GIS
 - Education and Outreach:
 - Earth Day 2011
 - Operations Projects:
 - Composting on Campus
 - Computer Recycling
 - Dining Services Cryovac
 - Greening the WCCC
- * Spring 2011 Green Fee Project Awards are pending.**

2011 Green Fee Summer Internships

- Julia Casciotti and Jamison Shabanowitz (A&S): E-Recycling on Campus. Professor Eric Bradley advisor
- Patrick Foley (A&S): Improving Public Transportation. Professor John McGlennon advisor.
- Jamie Hall (A&S): A Sustainability Curriculum for W&M. Professor John Swaddle advisor.
- Mary-Carson Saunders (LAW): Land-use Documentation and Planning at W&M. Professor Lynda Butler advisor.
- John Hollis (A&S): Behavioral Study of Sustainability on Campus. Professor Cheryl Dickter advisor.



2009/2010 Estimated Savings/Cost Avoidance: Facilities and Operations Projects



Highlighting Dining Services

- **Aramark** supported 3 Food Sustainability Interns in 2010/2011. **PepsiCo** supported one.
- Together they designed and implemented initiatives that
 - Reduce waste produced by the dining halls
 - Improve disposal methods for remaining waste
 - Promote purchasing of sustainable food products
- **Goals**
 - To provide sustainable dining services for the College that minimize waste and optimize local and sustainable foods.



PEDS: Dining Services

Accomplishments 2010/2011

- Composting all organic dining hall waste products
 - Waste is sent to a composting facility for processing and sale as commercial compost.
 - Almost all pre- and post-consumer waste is composted, over 16 tons each month
 - 40% of all waste is diverted from landfills.
- Increasing sustainable and local food
 - Campus Herb Gardens supply 100% of herbs to Commons Cafeteria. New garden at Miller Hall
 - Beginning expanded local food purchasing in Fall 2011
- Increased recycling
 - Worked closely with dining services employees to enhance their knowledge of why recycling is important and what specifically can be recycled
 - With PepsiCo collaboration initiated Dream Machine kiosks to increase recycling of beverage containers
- Outreach
 - Meet the Interns Night
 - Herb Garden Culinary Demonstration with Executive Chef Denis Calinan
 - SEAC and Dining Services sponsor Recycle Fair to end annual Recyclemania competition. W&M first in Virginia.
 - Earth Day 2010
 - Green Fee supported Cryovac used to improve local food procurement
 - Featured local foods at College events – Charter Day, International Night and occasions at the Marketplace



ECO-VILLAGE PROGRESS

- A Design Committee charged with researching and developing a “design matrix” for the Eco-Village was formed in Spring 2010. A final version of the matrix was produced in January 2011. Two sub-committees now continue other planning.
 - Land Use and Site Management: The woodland site has been surveyed for vegetation and mapped. Relevant GIS data layers are being developed, along with a long-term site plan.
 - Research and Education: Planning for research and education, and public outreach is ongoing. Final reporting will be Fall 2011.
- The Building Committee is established and the scope of work for the feasibility study is in final negotiation. In kind match for architect services is being sought.
- A proposal to support construction of a Solar Walkway has been submitted to the Ford Motor Company Foundation.

Measuring Sustainability Progress

	• 2009	• 2010	• 2011
• The Endowment Institute:	• C+	• B	• B+
• Princeton Review:	• 84	• 90	• 93
• Green Building Council / Princeton Review Guide to Green Colleges & Universities:	• NA	• 300 Greenest Colleges and Universities	• 300 Greenest Colleges and Universities

