



Meeting Summary  
December 7, 2017

**Council Members Present:**

Carlo Colella, Vice President for Administration and Finance (Chair)  
Scott Lupin, Assoc. Dir., Environmental Safety, Sustainability & Risk, and Director, Office of Sustainability  
Bryan Quinn, Director of Technical Operation, Department of Electrical & Computer Engineering  
David Cooper, Assistant Director of Operations, Division of IT  
Mary-Ann Ibeziako, Director, Department of Engineering and Energy  
Joseph Sullivan, Professor, Plant Science and Landscape Architecture  
Jana VanderGoot, Assistant Professor, Architecture  
Logan Kline, Undergraduate Student, Environmental Science and Policy  
Ayana Jones, Graduate Student, Public Health

Meeting start time: 12:00pm

Meeting Highlights

**Welcome and Review of November 9, 2017 Meeting Minutes**

Carlo Colella welcomed the Council members and called the meeting to order. Meeting summary from November 9, 2017 was approved.

**Sustainability Council Capacity Building Workshop**

The Council Capacity Building Workshop was rescheduled for 2018 so that more Council members will get the opportunity to participate.

**University Sustainability Fund Projects**

Logan Kline, undergraduate representative, presented five University Sustainability Fund projects to the Council for review. Information about the projects are available as Appendix A.

The Council reviewed the following projects:

Green Terp and Green Chapter Programs

The Council voted to approve the request of \$121,728. The grant will cover funding for a Sustainability Associate and four LEAF Team leaders for a 2-year campus-wide expansion of the programs. APPROVED.

Aquaponics Research Center

The Council tabled the request of \$36,800 to see if the project leaders would consider a rental option in the Research Greenhouse Complex. The grant would cover construction of a 1,200 square foot

greenhouse including fish tanks and several hydroponic systems at the Research Greenhouse Complex. TABLED.

#### Understanding and Navigating Environmental Justice

The Council voted to approve the request of \$14,000. The grant would cover cost of air quality sensors that students in classes and internships will use to conduct research. APPROVED.

#### Gemstone Team Sunny D

The Council voted to approve the request of \$6,372. The grant will cover costs to develop a sustainable water filtration system that can be implemented in new residential construction. APPROVED.

#### Gemstone Team CAPTURE

The Council voted to approve the request of \$4,070. The grant will cover materials needed to create clothing that will capture atmospheric CO2 and store it through municipal wastewater treatment processes when clothing is washed.

#### Open discussion items

- The RFP is being worked on for the Carbon Neutral Air Travel Initiative. An official recommendation to the Council will be forthcoming. The initiative has received endorsement from the Administrative Council.
- Logan Kline announced that students would like to rename the Plant Sciences Building after a noteworthy woman involved in the field of science. An open forum will be scheduled for next year.

Adjourn 2:00pm

The background features a dark blue gradient with a series of curved, glowing lines that create a sense of depth and movement, resembling a tunnel or a stylized architectural structure. The lines are more prominent on the right side, curving towards the center.

# Sustainability Fund Review Committee Report

LOGAN KLINE, UNDERGRADUATE REPRESENTATIVE

# Recommended Projects Overview

- Green Terp and Green Chapter Programs - **\$121,728**
- Aquaponics Research Center - **\$36,800**
- Understanding and Navigating Environmental Justice - **\$14,000**
- Gemstone Team SunnyD - **\$6,372**
- Gemstone Team CAPTURE - **\$4,070**

Total grant funding recommended: **\$182,970**

Approximate grant funding remaining: **\$231,816**

# Green Terp and Green Chapter Programs

- **Funds Requested By:** Office of Sustainability, Department of Resident Life, and Department of Fraternity and Sorority Life.
- **Purpose:** Funding for a Sustainability Associate and four LEAF Team leaders for 2-year campus-wide expansion of the Green Terp and Green Chapter programs.
- **Committee Support:** Would expand the reach of programs from 5,000 students living in select residence halls and chapter houses to all 38,000 students on and off campus.
- **Grant Recommendation:** Full funding of **\$121,728**.

# Aquaponics Research Center

- **Funds Requested By:** Faculty and students in the Department of Environmental Science and Technology.
- **Purpose:** Construction of a 1,200 square foot greenhouse including fish tanks and several hydroponic systems at the Research Greenhouse Complex.
- **Committee Support:** Facility would be used for education, research, and food production with possibility of selling produce to Dining Services for use in campus dining operations.
- **Grant Recommendation:** Full support minus \$200 for "miscellaneous" expenses - **\$36,800.**

# Understanding and Navigating Environmental Justice

- **Funds Requested By:** The Community Engagement, Environmental Justice and Health (CEEJH) program in the School of Public Health.
- **Purpose:** Cover cost of air quality sensors that students in classes and internships will use to conduct research.
- **Committee Support:** Multifaceted initiative to improve education and research on environmental justice issues in local communities. Application to local areas with student involvement.
- **Recommended Grant:** Partial grant of **\$14,000**.

# Gemstone Team SunnyD

- **Requested By:** Gemstone Team SunnyD.
- **Purpose:** Develop a sustainable water filtration system that can be implemented in new residential construction.
- **Committee Support:** Goal is to achieve net-positive water usage through a complex filtration system that incorporates greywater recycling and rainwater harvesting. Aligns with Council priority outlined in previous workshop.
- **Recommended Grant:** Full support - **\$6,372.**



# Gemstone Team CAPTURE

- **Requested By:** Gemstone Team CAPTURE.
- **Purpose:** Integrate carbon capture materials with clothing that will capture atmospheric CO<sub>2</sub> and store it through municipal wastewater treatment processes when clothing is washed.
- **Committee Support:** Innovative and unique project with student involvement. Rationale that even if it doesn't work, the research going into the project will prove useful.
- **Recommended Grant:** Full support minus \$420 for website maintenance - **\$4,070.**