



SLLC

SUSTAINABILITY LIVING
LEARNING COMMUNITY

PRESENTED BY

The Residence Life Sustainability Committee

President Zachary Eichholz

Vice President Alexis Miller

Sustainability is meeting the needs of the present without compromising the ability of future generations to meet their own needs.

A Living Learning Community is an undergraduate residence hall where students participate in academic and extra-curricular programming designed impact the world-view and contribution to the future.

Help us build

CULTURE...
RETENTION...
VALUE...
PROGRESS...

at Florida Tech

CONTACT

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RES-LIFE SUSTAINABILITY COMMITTEE MISSION

Our mission is to enhance resource management, employ efficient living practices, and encourage forward thinking in consideration of the future. Sustainability is the mindful effort to meet the needs of the present generation without compromising the abilities or resources of those to come. In our positions as both students and campus leaders at Florida Tech, we have the unique opportunity to network with our peers and set in motion a measurable change in university sustainable initiatives.

GOALS

- **Establish** a manageable Sustainable Living Learning Community, building Student Success for a Lifetime
- **Transform** a residence hall and surrounding areas into a symbol of Florida Tech's commitment to sustainability
- **Standardize** building resource efficiencies and proper recycling practices
- **Exhibit** the construction and care of FIT's first community garden

These goals will benefit Florida Tech's mission to provide **Student Success for a Lifetime** by creating a space for students to learn important lessons.

Sustainability is a concept that impacts the global scientific community and fosters **Research that Benefits Mankind**. Sustainability is a connective tissue among political and social platforms, that creates a sense of global environmental citizenship. Due to the nature of authentic learning students experience in SLLC they are prepared to be contributing **Global Citizens**.

FLORIDA TECH GOALS

Recruit - Retain - Research

Create a model to lead STEM Universities through exceptional Sustainable practices, and thought leadership.

PROOF OF CONCEPT

Committee Members' Biography (Appendix 1)
Community Garden Proposal and Grant (Appendix 2)

SUSTAINABILITY LIVING LEARNING COMMUNITY

Eco-education
Authentic learning experience with hands-on applications
Resources and events unique to sustainability

Sustainability Living Learning Communities have been employed with a great degree of success at numerous other universities including; University of Utah, University of St. Thomas, Elon University, and Portland State University. To receive this level success extensive research and planning were completed to maintain these unique communities and their infrastructure.

We need your **support** to collaborate with essential partners and departments on the SLLC five-phase project scope.



Residence Life Sustainability Committee Biographies

Appendix 1

Zachary Eichholz, born and raised in Florida, USA. He has a Bachelor of Science in Sustainability Studies and is currently pursuing a Master's of Interdisciplinary Studies. In the future, he strives to work for the United Nations. In this role, Zach hopes to help countries with climate change adaptation strategies and sustainability education. His efforts have provided the educational experience for his peers and the development of the Residence Life Sustainability Committee. This past summer he began working for Satellite Beach, to formulate their strategic sustainability plan. He works to pursue campus sustainability initiatives that will help to cultivate a new core value at Florida Tech, Sustainability.

Natalie Shah, born in the United Kingdom and raised in the United States, is currently a junior pursuing a Bachelor of Science in Biomedical Engineering. Through the Residence Life Sustainability Committee, she found a new passion and wants to use the knowledge gained from this committee to spread the word to students on campus and take it with her wherever she goes in the future.

Izabella Maxfield is studying for her Bachelors of Science in Physics with a double minor in Chemistry and Sustainability. Her goal in being a part of the Residence Life Sustainability Committee is to help spread awareness of the issues that are bearing down on our society. Through her participation in the committee, she has learned that anyone can make a difference, it only requires a little effort. We have one home and we need to protect it.

Maria Fernanda Sagastume, born in Panama, is studying for a Bachelor's in Biomedical Engineering and STEM Education, class of 2018. She decided to join the Residence Life Sustainability Committee because she is aware of how pollution affects our lives and slowly diminishes our planet and she wants to make an impact in her new home by being sustainable in her daily life. She also enjoys working with a group of students with different backgrounds that want to make our campus more eco-friendly.

Antonio Corneal, born in Florida, USA, but raised in Trinidad and Tobago, is studying Biomedical Engineering, class of 2018. He aims to improve personal health by replacing fossil fuels with sustainable alternative ones. Understanding the human body as well as engineering aids in understanding what is the healthiest approach, also improving longevity to the earth in the process.

Alexis Miller, born and raised in New Jersey, USA, has a Bachelor of Science in Civil Engineering and is currently pursuing a Master's in Interdisciplinary Sciences with a focus in Post-Disaster Humanitarian Logistics. Her goal in leading the Residence Life Sustainability Committee is to impact Florida Tech's culture by creating a legacy of "forward" thinking and resilient systems. She joined in support of a friend who needed assistance, and has become passionate and driven in the committee's sustainable initiatives. Lexi believes in the student body to accept and act on sustainable practices. Through class and committee projects she has made a difference on campus. One of the successful projects includes Leave-Green, which diverted over 9,000 pounds of reusable items to a local charity. She hopes to continue to learn and share her experiences with other students to benefit mankind.

Sakhee Bhure is a senior pursuing a Bachelor of Science in Astronomy and Astrophysics. She is from India. As an astrophysicist, she gets to see the bigger picture and learn just how complex our planet's environment is and how rare life is in the universe. It's up to every single person to preserve the most basic factors behind our existence. Being a part of the Residence Life Sustainability Committee has strengthened her belief in herself and helped her realize that she can, in her own way, make a difference in this world.

Maxime Verachtert, born and raised in Belgium, is studying for a Bachelors in Chemical Engineering to help develop batteries to create more sustainable living and transportation. He has joined the Res-Life sustainability committee because he has been affected by the bad recycling methods and mentalities of Americans compared to those of his home country. He hopes to improve this mentality by bringing his input from past experiences.

Austin Anderson, born and raised in Maine, USA, is a sophomore studying Marine Biology. As a Marine Biology major, looking at how marine ecosystems are impacted by everyday life is extremely important to him because coral reefs are bleaching (dying) from increased carbon levels raising the acidity of the ocean creating an unlivable habitat for coral reefs. He hopes that with Residence Life Sustainability Committee he can encourage others to live more sustainable lives to help lower yearly carbon emissions in hopes to balance the atmospheric carbon at a livable level for all earthly inhabitants.

Daysiry Rodriguez, born in the Dominican Republic. She is a junior majoring in Civil Engineering. She believes that now is the time to make a change, one small change in a small school by a few students, towards a more sustainable community; what we do today will determine the lifestyle of future generations, we are the starting point.