2016

**Executive Summary**

**Nova Southeastern University**

NSU Cross Collaborative Team for Sustainability

Vision

The NSU Cross Collaborative Team for Sustainability seeks to bring the entire NSU campus together to create an exemplary sustainable campus, while providing a model learning enviroment where students, faculty, and staff can develop and apply sustainable practices at NSU and in and around local communities.

Mission

To promote campus sustainable development by working with students, faculty, staff, and the local community promoting the practice of resource conservation and preservation in order to have a positive impact on a global scale. To support Broward County’s STAR Community Rating Pilot Program in order to bring more sustainability to local Broward County communities. To aid in Nova Southeastern University obtained AASHE STARS recognition.

Executive Summary

Who We Are?

NSU Cross Collaborative Team for Sustainability, is a group of faculty members from various colleges and schools across the Nova Southeastern University campus who share a common interest, which is to collaborate with students and the local community to promote sustainability on and around campus.

Our Approach

NSU Cross Collaborative Team for Sustainability establishes a framework for campus sustainable development by:

* Collaborating with students and student groups, such as The Green Sharks, to define sustainability and create a strategic plan as to how to construct and maintain a sustainable campus
* Collaborating with the NSU Office of Facilities Management to implement certain programs such as RecycleMania, Single Stream Recycling, the use of chemical free cleaning products, and the replacement of incandescent lighting with LED fixtures
* Collaboration with NSU’s Oceanographic Center on coral cutting prevention awareness, seawater filtration, solar panels,
* Meeting monthly to exchange new ideas and information to promote a strategic campus sustainable plan
* Faculty publications on sustainability

Meet the team

**Bahaudin Mujtaba** Professor of Management *Huizenga School of Business & Entrepreneurship*

**Barbara Alston** Professor in management *Huizenga School of Business & Entrepreneurship*

**Barri Litt** Professor of Accounting *Huizenga School of Business & Entrepreneurship*

**Brion Blackwelder** Associate Professor of Law, ocean and Coastal Law *Shepard Broad Law Center*

**Carrie Kashar** Broward County Natural resources specialist & Doctoral student at NSU *Broward county & Nova School of education*

**Cassi Lobaugh** NSU student undergrads & president of Green Sharks *Farquhar*

**Charlie Harrington** Professor Economics and Finance *Huizenga School of Business & Entrepreneurship*

**Claudette Chin-Loy** Professor in HR *Huizenga School of Business & Entrepreneurship*

**Craig Amos** Librarian *Alvin Sherman Library*

**Dan Sullivan** Dean *Undergraduate College*

**Daniel H. Markarian** Associate Professor of Social Studies *College of Education*

**David Ryan Miller** Asst. Professor of Public Administration *Huizenga School of Business & Entrepreneurship*

**Don Rosenblum** Dean *Farquhar Honors College*

**Eileen Smith-Cavros** Professor of environmental sociology and anthropology *Farquhar College of Arts and Sciences*

**Elena Bastidas** Associate Professor Conflict Management, Food & resources Analysis, Conflict resolution for Indigenous *School of Humanities and Social Sciences*

**Feiona Heaven** Nursing Student & Federal working student at HSBE on sustainability *College of Nursing*

**Frank Cavico** Professor of Business Law *Huizenga School of Business & Entrepreneurship*

**Guenola Nonet** Scholar in Residence for Sustainability & Corporate Social Responsibility *Huizenga School of Business & Entrepreneurship*

**Isabel Rimanoczy** Scholar in Residence for Sustainability *Huizenga School of Business & Entrepreneurship*

**Jaime Glodman** Librarian *Oceanographic Center*

**Jill Horwitz** Broward County Natural resources specialist *Broward County*

**Jo Ann Kleier** Professor & Director of Research *College of Nursing*

**Jodi Betancourt** Librarian *Alvin Sherman Library*

**Joel Mintz** Professor of Law, environmental Law *Shepard Broad Law Center*

**John Senetti** Professor of Accounting *Huizenga School of Business & Entrepreneurship*

**Karen McKenzie** Professor of Accounting *Huizenga School of Business & Entrepreneurship*

**Leanne Boucher Gill** Professor of psychology *Farquhar College of Arts and Sciences*

**Leela Mansukhani** Business school undergraduate, Green Sharks NSU Student Sustainability Club – President *Huizenga School of Business & Entrepreneurship*

**Lorraine Breffni** Director of Early Childhood *Mailman Segal Center for Human development*

**Maria Petrescu** Asst. Professor of Marketing *Huizenga School of Business & Entrepreneurship*

**Mary Elleen Mitchell-Rosen** Assistant Professor Health and Nutrition *College of Nursing*

**Mike Hoffman** Professor of Taxation *Huizenga School of Business & Entrepreneurship*

**Mohammed Ahmed** Part Time Participating Faculty *Huizenga School of Business & Entrepreneurship*

**Paul Arena** Professor *Farquhar College of Arts and Sciences*

**Paul Baldauf** Professor and Major Chair Environmental Sciences/Studies *Farquhar College of Arts and Sciences*

**Renu Desai** Professor of Accounting *Huizenga School of Business & Entrepreneurship*

**Richard Grosso** Director, Environmental & Land Use Law Clinic, & Professor of Law *Shepard Broad Law Center*

**Roni Leiderman** Dean and Associate Professor *Mailman Segal Center for Human development*

**Ryan Atkins** Asst. Professor of Supply Chain Management *Huizenga School of Business & Entrepreneurship*

**Susan Berkman** Librarian *Alvin Sherman Library*

**Venkatesh Shanbhag** Professor of Chemistry *Farquhar College of Arts and Sciences*

**William Stronge** Part Time Participating Faculty in Economics *Huizenga School of Business & Entrepreneurship*

Goals and Achievements

**Environmental**

* Build upon NSU’s Vision 2020 plan

**Research**

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| **Goal** | **Achievements** |
| Study eco-social challenges of South Florida | Resources and research started with Broward County |
| Create Database for Resources | Current design and construction of library resources webpage (CSR-Sustainability) on the Alvin Sherman Library website  Redesign of the NSU Go Green webpage |
| Produce Academic Papers related to CSR sustainability | Article development in accounting and sustainability  Article project on Supply Chain Management & CSR Sustainability |
| Grants | Grant application submitted for the President’s Grant on March 6th 2015 about Leadership and Emotional Competencies in Sustainability, in collaboration with Dr. Greenwood, Dr. Chin-Loy, Dr. Nonet, and Broward County |

**Education**

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| **Goal** | **Achievements** |
| Sustainability course creation | MSc in Leadership LED 5685 starting Fall 2015  Elective: Developing the Sustainable Mindset Fall 2015 |
| Organize conferences/series | Organization of Sustainability 101 Lunch Series (5 conferences) |
| Invitation to classes taught by other HCBE faculty | Dr. Harris’ class: 1h 30 min presentation given on Decision Making & CSR-Sustainability  Dr. Sims’ class: presentation given on Ethics and CSR-Sustainability  Dr. Mujtaba class: Presentation given on Sustainability for Managers |

**Student Engagement**

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| **Goal** | **Achievements** |
| Support student initiatives |  |
| NSU Events | Dr. Nonet guest speaker for Women’s Day organized by AAUW  Creation of a collaborative video: *Women Leadership and Sustainability* |
| Facilitate student collaboration across campus | Supported creation of students association: *GreenSharks* |

**Communication**

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| **Goal** | **Achievements** |
| Create sustainability awareness on campus | Article submitted about *Scholars in Residence,* to SharkBytes  Sustainability 101 Series communicated in SharkBytes  Internal communication to undergrad and graduate students |
| Contribute & present at conferences | Research proposal sent to AACSB  Submission for AASHE Conference 2015 |

**Community, Government, & Business Relations**

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| **Goal** | **Achievements** |
| Explore collaboration with South Florida based chapters of NGO/environmental/grassroots/protections organizations | Earth Day Event: 350.org; Sierra Club Florida; International Dark-Sky Association; Florida Department of Environmental Protection; Broward County; IdeasforUs.org; Florida Food & Farm and Audubon Florida  HCBE applied to become a member of Sustainable Florida |
| Explore collaboration with Broward County | Started collaboration with Broward County 4-STAR community rating  Partnership on Sustainability 101 Series  Facilitated the launch of internships which 26 students participated with Broward County |

Our Partnerships and Collaborations

* Broward County Florida
* NSU Green Sharks
* Sustainable Florida

Memberships

* Broward County Florida: Environmental Planning & Community Resilience Division
* AASHE (Association for the Advancement of Sustainability in Higher Education)
* UN PRME (Principles for Responsible Management Education)

What’s in the Works?

* A project called NovaCon is in its beginning stage to work on promoting renewable and clean energy on campus, led by a grad student from the education college
* The “Go Green at NSU” page the NSU website, is being redesigned and updated for the benefit of all NSU and to attract new students
* HCBE LibGuide is being updated to include resources pertaining specifically to sustainability

Research Areas & Focus

## Curriculum & Climate Extreme Weather Change & Impact on Health

* Needs: Evaluate/Research the impact of extreme weather changes (with a focus on South Florida) and its impact on human health. Understand prevention, needed actions.
* Goal: Embed it in curriculum at NSU School of Nursing
* Potential Group Leader: Jo Ann Kleier (school of nursing) With support & resources from Broward County & Isabel Rimanoczy
* Participants: Feiona Heaven

## Curriculum across disciplines incorporating sustainability

* Need: Create practical initiatives/business visits to understand/audit innovative companies on sustainability, create educative videos for different type of courses
* Potential Group Leader: Karen McKenzie (school of business)
* Goals: Organize tours, visit companies, which adaptation strategy has a better cost benefit? Take a team to Hilton and record and show the costs, benefits, savings, the payback – have specific different questions for the students - Use these videos for marketing classes or other classes
* Participants: Guenola Nonet

## Natural environment & impact on childhood

* Needs: Evaluate/research the impact of nature, natural environment on childhood development/education/health
* Potential Leaders: Roni Leiderman (Dean of Mailman Segal Center), Lorrain Breffni (Director of Early childhood)
* Goals: Highlight the importance of nature, show the cost of removing the natural environment and the studies showing asthma and consequences on health.
* Participants: Karen McKenzie (green-school challenge happening in Miami Dade), Guenola Nonet (School of Business)

## Sustainability & NSU campus

* Community garden:

Enhance support and students’ involvement in NSU community garden – share existing knowledge and expertise.

* Potential Leaders: Sanne Siska

Participants: Students, Jodi Betancourt (Library)

* Students’ Departures & Arrivals on Campus and Dormitories Furniture Recycling:

Support GreenSharks for organizing the moving out and saving furniture’s for next incoming students

* Potential Leaders: Green Sharks
* Campus Energy/Co2 Audit and Savings generated with sustainable protocols (solar panels, ice cooling storage, light bulbs)
* Goal: show how much has been saved, co2 or $
* Potential Leaders: Green Sharks & Mike Hoffman (Professor of Taxation)
* Resources: Mike Hoffman could help to show energy savings, Jill Horwitz has an energy audit system (Broward County), auditing - Guenola Nonet has previously given a short course (3 hours) to evaluate co2 emissions on school campus, she could reiterate.

## Communicate our taken steps/actions, TALK the walk

* Goal: who are we, what exists on campus, what are we doing
* Potential Leader: Maria Lemme (facilities)
* Participants: All according to submitted content and news
* Civic governmental involvement
* Need: Connect to local governments.
* Potential Leaders: Richard Grosso (School of Law)
* Goal: beyond what private sector can do, the big picture of systemic sustainability is dependent on governments. Getting us all interested in governmental decision that are being made. Create civic engagement.
* Participants: Renu Desai, Karen McKenzie and Guenola Nonet (School of business)

## Community Access to Sustainability

* Food access & nutrition: Broward regional health planning council, Roni Leiderman, Renu.
* Affordable housing: Jill Horwitz mentioned Health research for policy changes, recently submitted national association county – grant application connecting sustainability and health impact. Buildings affordable housing, building design, active living, impact of light pollution, show how it affects people personally.
* Animal rights in South Florida: Richard Grosso can help Renu who wants to improve animal rights laws in Florida