



2020 Initiatives Proposal Form

Thank you for your interest in submitting a proposal to the 2020 Initiatives process.

Please complete this form, save it to your hard drive, and then email a copy to: 2020@stockton.edu. Please copy your Dean/Director on the email. You will then be contacted by the appropriate 2020 Initiative Team representative/LEGS facilitators.

Proposals will be evaluated based on general criteria including the following:

- University-wide impact
- Clearly addressing one of the four LEGS themes from the 2020 strategic plan
- Specific budget details provided
- Realistic outcomes identified
- Assessment measures specified

Please consider the following questions as helpful prompts:

University-wide Objective(s)

- Does your proposal clearly address an issue relevant to your selected “primary strategic (LEGS) theme”?
- What specifically do you wish to accomplish with your project?
- How will Stockton, as a whole, benefit?

Expected Results

- How will you know if your project is a success?
- What are your anticipated outcomes and specific measurements for success?
- Does your proposal clearly indicate the person(s) or department(s) that will assume responsibility for the various work tasks?
- What is your project's "finish line"?

General Application Information	
Your Name	Rob McKeage
Your Email	Robert.mckeage@stockton.edu
Title of Project	Solar Powered Vegetable Cooler
Project Leader	Rob McKeage
LEGS Initiative Team Coach	Merydawilda Colon
Project Partner(s)	Sustainability Farm, Center for Community Engagement
Duration / Time Frame of Project	3 months

Proposal Category (choose one: one-time or ongoing)			
One-Time Event or Activity		Ongoing Event or Activity	
<input type="checkbox"/>	(A) \$5,000 or less	<input type="checkbox"/>	(C) \$5,000 or less
<input checked="" type="checkbox"/>	(B) More than \$5,000	<input type="checkbox"/>	(D) More than \$5,000

Strategic Theme (choose one)	
<input type="checkbox"/>	Learning
<input checked="" type="checkbox"/>	Engagement
<input type="checkbox"/>	Global Perspectives
<input checked="" type="checkbox"/>	Sustainability

Strategic Objectives: choose one primary (P) in main theme and up to three secondary (S) In any themes

Learning			
-	Deliver high value-added learning experiences and promote scholarly activity (S1)	-	Reward scholarly applications (ER2)
-	Promote liberal arts ideal to develop lifelong learners (S2)	-	Establish additional revenue sources (RS1-L)
-	Strengthen internal processes to support learning (IP1-L)	-	Reduce expenses (RS2-L)
-	Develop faculty and staff skills to support learning (ER1-L)	-	Align resources to support strategic plan (RS3-L)

Engagement			
P	Establish Stockton as an integral part of the identity of students, faculty, staff, alumni, and community members (S3)	-	Foster an interactive environment among students, faculty, staff, and community (ER3)
-	Prepare students for active citizenship role (S4)	-	Increase opportunities for interactions between internal and external communities (ER4)
-	Create mutually reinforcing intellectual and co-curricular experiences (S5)	-	Establish additional revenue sources (RS1-E)
-	Strengthen internal processes to support engagement (IP1-E)	-	Reduce expenses (RS2-E)
-	Develop faculty and staff skills to support engagement (ER1-E)	-	Align resources to support the strategic plan (RS3-E)

Global Perspectives			
-	Develop a globally diverse Stockton community (S6)	-	Strengthen opportunities for global interaction among members of the Stockton community (ER5)
-	Enhance capacity to participate globally (S7)	-	Establish additional revenue sources (RS1-G)
-	Strengthen internal processes to support global education (IP1-G)	-	Reduce expenses (RS2-G)
-	Integrate global program efforts among multiple units of the university (IP2)	-	Align resources to support the strategic plan (RS3-G)
-	Develop faculty and staff skills to support global education (ER1-G)	-	

Sustainability			
S	Increase sustainable infrastructure (S8)	-	Develop and implement sustainability programs (IP5)
S	Enhance sustainability education and research (S9)	-	Develop faculty and staff skills to support sustainability (ER1-S)
S	Increase recognition as a model of sustainability (S10)	-	Reward sustainable practices (ER6)
-	Partner to promote global sustainability (S11)	-	Establish additional revenue sources (RS1-S)
-	Strengthen internal process to support sustainability (IP1-S)	-	Reduce expenses (RS2-S)
-	Prioritize sustainability in plan operations and residential life (IP3)	-	Align resources to support the strategic plan (RS3-S)
-	Promote sustainability across the curriculum (IP4)	-	Seek efficiencies through sustainable practices (RS4)

The tables below allow for summaries of about 350 words. Additional information can be included as an attachment.

Narrative Summary of Project

We would like to install a solar powered walk-in cooler at the Stockton Sustainability farm. This cooler would increase our ability to contribute fresh produce to the community. In 2019 we're projected to donate over 3000lbs of produce to the surrounding community. When this happens, our current cold storage will be inadequate. An upgrade like this will give us the ability to store our harvest for extended periods of time, giving us greater flexibility for donations. By partnering with the Stockton Center for Community Engagement we will be able to distribute our produce through a variety of programs and outlets already in place and in need of fresh vegetables. The payback from this project is both social and economic, as it connects the farm to our community. We would also like to put a glass front cooler on the main spine of the campus to act as a place where the campus community can come enjoy fresh produce at no cost.

Assessment Plan: What are your anticipated outcomes and specific measurements for success?

The main outcome is to feed the neighboring communities facing food insecurity. Up until now the Stockton Sustainability Farm has been an under-utilized resource in the regional fight against hunger and making healthy food options available. The Stockton Center for Community Engagement will measure community impact through surveys and outreach, this long term data collection will show the value of having this fresh produce available at these school homework programs. The Sustainability Farm will measure harvest, storage and efficiency of the system. Over a ten year period a system like this will result in a total throughput of 120,000 pounds of fresh produce for both the Stockton Campus and Atlantic County Community as a whole.

Budget Summary – 2020 Requested Funding Only*

	Item	FY2019 July 1, 2018 – June 30, 2019	FY2020 July 1, 2019 – June 30, 2020	FY2021 July 1, 2020 – June 30, 2021	FY2022 July 1, 2021 – June 30, 2022	Notes/Comments (stipends, supplies, hospitality, etc.)
1.	solar system	11,000				
2.	battery bank	\$ 4,500.00				
3.	air conditioner	450				
4.	campus glass cooler	\$ 1,700.00				
5.	cooler building materials	\$ 1,000.00				
6.	misc.	500				
7.	light	50				
Total		19,200	\$ 0.00	\$ 0.00	\$ 0.00	

* Please note: a proposal can only receive 2020 funding for two fiscal years.

Funding Questions

Are you receiving any other University funding for this project?	no	
What department or academic school will your budget for this project reside?	NAMS	
Who will be the Budget Unit Manager (BUM)?		
Who will be the budget processor?		
If you are requesting 2020 funding to hire a TES or consultant, is that person a current Stockton employee?	Yes, Currently Paid as a/an: <input type="radio"/> Adjunct <input type="radio"/> Faculty <input type="radio"/> Staff <input type="radio"/> TES	<input checked="" type="radio"/> No
Will you need 2020 funds for <u>immediate</u> use to begin your project?	<input checked="" type="radio"/> Yes, Date Needed: 5/1/2019	<input type="radio"/> No

Additional Support Questions

Will your project require support from Information Technology Services?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
If so, please provide details:		
Will your project require support from Plant/Facilities & Operations?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
If so, please provide details:		

Supervisor Approval/Support^

Have you discussed your 2020 proposal with your supervisor, director, and/or dean and received their support?	Yes, Justine Ciruolo and Patrick Hossay are both on board.
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^ Please note: proposers who answer "no" to this question may be required to submit additional documentation in support of their 2020 application form.

CC: Dean/Director/Supervisor

Kay, Jessica

From: Fritsch, John
Sent: Wednesday, May 15, 2019 8:44 AM
To: Kay, Jessica
Cc: Smith, John; Baratta, Peter; Cole, Brian; Hudson, Donald M.; West, Charles; Chitren, Robert; Ciraolo, Justine
Subject: RE: Outcome of Solar Powered Cooler Proposal
Attachments: Addendum to Solar Powered Cooler 2020 Engagement Proposal.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Jessica,

After reviewing Patrick's addendum to the 20/20 proposal, Facilities and Plant Operations are in full support of the purposed vegetable cooler.

Thank you,

John J. Fritsch
Director of Facilities Management & Plant Operations
Division of Facilities & Operations

STOCKTON UNIVERSITY
101 Vera King Farris Drive
Galloway, New Jersey 08205
609.626.6052 (office)
609.626.5522(fax)
John.Fritsch@stockton.edu

From: Kay, Jessica
Sent: Wednesday, May 15, 2019 8:30 AM
To: Fritsch, John <John.Fritsch@stockton.edu>
Cc: Smith, John <John.Smith@stockton.edu>; Baratta, Peter <Peter.Baratta@stockton.edu>; Cole, Brian <Brian.Cole@stockton.edu>
Subject: RE: Outcome of Solar Powered Cooler Proposal

John,

Can you please confirm that all of the necessary items are in place for Plant/Facilities to approve the building of the vegetable cooler by the Sustainability Farm? If we receive this confirmation from you, we may be able to push this through if and only if all materials will be here by June 30th.

Regards,

Jessica Kay

Senior Planning Analyst

Addendum to Solar Powered Cooler 2020 Engagement Proposal

The cold storage facility will be constructed as a modification of an existing farm facility. Within the shipping container currently used as a barn at the farm, a cold storage area will be constructed from two layers of PIR foam board insulation on the walls and ceiling. Standard 2x4 lumber will be used to construct a dividing wall. Photovoltaic panels will be mounded on the top of the container, and used to power an air-sourced heat pump (mini-split) for cooling. Moisture will be managed with the use of desiccants or a dehumidifier as needed. The system will be supported by a 48-volt battery system composed of sealed, deep-cycle AGM lead-acid batteries. The batteries will be contained in a locked, weatherproof enclosure. All appropriate safety features and conditions will be maintained, as appropriate for an off-grid PV system of this size.

Although the campus farm is exempt from the FDA Produce Safety Rule, the responsible staff member, Rob McKeage, has completed the Rutgers New Jersey Agricultural Experiment Station food safety certification training; and appropriate faculty members will complete this training within the first year of operation. Students will also be trained in food safety, with student farm leaders completing the above certification program when appropriate.

The campus farm also maintains Certified Naturally Grown certification and undergoes periodic inspections of farm methods and procedures to maintain this status.

The Sustainability program has collaborated with the on-campus food service provider Charwells regarding the placement of a cooler on the main campus for produce. The Resident District Manager Stephanie Moye has expressed strong support. We will work with Chartwells and the Office of Plant Management to determine the best location for the cooler prior to installation.

Kay, Jessica

From: Colon, Merydawilda
Sent: Wednesday, May 15, 2019 9:05 AM
To: Kay, Jessica; Baratta, Peter
Cc: Smith, John
Subject: FW: Outcome of Solar Powered Cooler Proposal

Importance: High

Follow Up Flag: Follow up
Flag Status: Completed

Dear Peter and Jessica:

Please see the email below and let me know if you need additional information to move the Solar Powered Cooler proposal forward.

Thank you.

Merydawilda Colón, Ph.D., L.S.W.
Executive Director,
Stockton Center for Community Engagement
Professor of Social Work
Stockton University
101 Vera King Farris Drive
Galloway, New Jersey 08205
Office: B-109
Phone: 609-652-4535
Fax: 609-626-3467



From: Hossay, Patrick
Sent: Wednesday, May 15, 2019 9:01 AM
To: Colon, Merydawilda <Merydawilda.Colon@stockton.edu>; McKeage, Robert <Robert.McKeage@stockton.edu>
Cc: Hutchison, Ron <Ron.Hutchison@stockton.edu>; Smith, John <John.Smith@stockton.edu>; Fritsch, John <John.Fritsch@stockton.edu>; Ciraolo, Justine <Justine.Ciraolo@stockton.edu>
Subject: Re: Outcome of Solar Powered Cooler Proposal
Importance: High

Good Morning All.

Yes, we can do that. I'll make sure all materials are received by the 30th.

Patrick

From: <Colon>, Merydawilda <Merydawilda.Colon@stockton.edu>
Date: Wednesday, May 15, 2019 at 8:56 AM
To: Patrick Hossay <Patrick.Hossay@stockton.edu>, "McKeage, Robert" <Robert.McKeage@stockton.edu>
Cc: "Hutchison, Ron" <Ron.Hutchison@stockton.edu>, "Smith, John" <John.Smith@stockton.edu>, "Fritsch, John" <John.Fritsch@stockton.edu>, "Ciraolo, Justine" <Justine.Ciraolo@stockton.edu>
Subject: RE: Outcome of Solar Powered Cooler Proposal

Good morning Patrick, Justine, and Rob,

John Fritsch provided permission for the vegetable cooler in writing. If there is no change in cost, all I need to move the proposal forward is confirmation that all the equipment will be purchased and received physically at Stockton by June 30, 2019. The committee approved funding for FY 2019 only. Hence, all items would have to be at Stockton by the end of this fiscal year.

I am looking forward to your response.

Thank you!

Merydawilda Colón, Ph.D., L.S.W.
Executive Director,
Stockton Center for Community Engagement
Professor of Social Work
Stockton University
101 Vera King Farris Drive
Galloway, New Jersey 08205
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Fax: 609-626-3467



From: Hossay, Patrick
Sent: Tuesday, May 14, 2019 5:49 PM
To: Colon, Merydawilda <Merydawilda.Colon@stockton.edu>; McKeage, Robert <Robert.McKeage@stockton.edu>
Cc: Hutchison, Ron <Ron.Hutchison@stockton.edu>; Hossay, Patrick <Patrick.Hossay@stockton.edu>; Smith, John <John.Smith@stockton.edu>; Fritsch, John <John.Fritsch@stockton.edu>; Ciraolo, Justine <Justine.Ciraolo@stockton.edu>
Subject: Re: Outcome of Solar Powered Cooler Proposal

Hi Merydawilda and all,

Justine and I met with folks from Facilities, Plant, and Risk Management today. We've ironed out their concerns. I'll be providing an addendum to the proposal later today that has their approval and can be submitted for final approval to Harvey.

Patrick