

South Carolina Public Health Preparedness Student Corps (SCPHPSC)
Quarterly (4th) Progress Report to Funder: Jan. 1, 2023 -- Mar. 31, 2023

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This quarterly report reflects outcomes of the 15-month grant funded (#NU90TP922168) project (SCPHPSC) that was designed to increase access to an interdisciplinary and sustainable pipeline of culturally competent students for emergency and public health response within local, state, and global communities. It reflects planned and unplanned activities of the project's implementation by South Carolina's Clemson University (CU) as lead organization and subrecipients Benedict College (BC), Claflin University (ClfU), Coastal Carolina University (CCU), Francis Marion University (FMU), as well as one new subrecipient, the Medical University of South Carolina (MUSC) that was added during the current quarter.

As applicable, this report data highlight 1) the number of new and total enrolled student participants and their academic majors/programs of study; 2) types of education, clinical, or leadership-centered project related events; 3) major activities/accomplishments completed; 4) challenges or departures from the project's work plan; 5) identification of technical resources needed from the South Carolina (SC) Department of Health and Environmental Control (SC DHEC); 6) description of "new hires" to original project teams; 7) "other" noteworthy project related information; and 8) description of the lead organization's formal engagements with subrecipients. These data are presented, per program site, within headings A through H, of this report, as well as in summary.

The number of new project participants, since the previous quarterly report, increased from 106 to 186 -- contributing to the current total of 500. Although this total is 100% of that planned for the overall program period (04.2.22 -- 06.30.23), it includes 50 additional students at the new MUSC location. Therefore, the adjusted participant enrollment/completion goal for the total program period is now 550. Therefore, 90.1% of this new project goal has been attained. Students' academic majors continue to be diverse -- most (228) of the total population are enrolled in-nursing/pre-nursing followed by public health and biology related disciplines (73). This latter data point is a slight departure from previous reports that indicated public health related majors, only, as the most frequent after nursing/pre-nursing.

Project participants were engaged primarily in educational activities that included a) reflections related to an emergency preparedness career panel and water quality and supply (i.e., American Water Works Association) and participation in an earthquake drill (i.e., The Great ShakeOut); b) dissemination of emergency preparedness information that incorporated pet management/transporting, building emergency kits, preparations for wheelchair users, and power outage management; and c) training about disaster preparedness related to extreme heat, trauma stabilization, and beyond-the-basics of personal protective equipment. One leadership activity implemented consisted of a project orientation session for new participants.

Several major accomplishments were generated. These ranged from student attendance (and scholarly presentation) at a profession conference (i.e., SC Public Health Association), student creation of reflection videos about their SCPHPSC experience, several student orientations to the SC PHRC's new onboarding platform (Better Impact), successful completion of Yr.#3 project Scopes of Work by all sites, registrations for in-person and virtual attendance to the 2023 Preparedness Summit by faculty and select students, to creation of a campus survey to assess awareness of emergency management, convening of several meetings of the 2nd Annual SCPHPSC Conference planning task force toward implementing April 1st event, coordination of a "Friday Night at the ER" training offering, and development of a local SCPHPSC Advisory Board by one site.

Four challenges to project implementation were noted. One site described a moderate strain of keeping students engaged through completion of all required project activities and the planned resolution to this issue as creation of a Student Ambassador Program. The program will be comprised of student "completers" with the aim to encourage and support future participants. Another departure from the Work Plan was the need to revise the "steps" to complete the Coursera Contact Tracing course that now requires a \$45 fee for generating an

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“official” Coursera certificate, for upload to respective schools’ repositories, after successful completion of the course. This change was remedied by creating/providing to all sites a new steps document that directs students to print-screen the ‘*congratulations, you passed*’ notice provided at the platform and to upload it within their repository as previously done. An additional departure is that one site inadvertently provided a half stipend to one student who graduated from the university without having completed the required immersion activity. A two-fold resolution was indicated -- to engage with the student toward completing the at a later date and to only issue stipends to completers of all project requirements in the future. Finally, a modest departure from the Scope of Work, by one site, was the inability to schedule a 2nd local project Advisory Board at the planned time with the resolution that the meeting will be convened at a later date.

There were no technical needs requests of SCDHEC. In addition, no new hires to the original project teams were reported.

Noteworthy information shared reflects continued support for SCPHPSC by subrecipients and excitement about the scheduled 2023 2nd annual conference. Another significant activity is that invited poster presentations, about the project (i.e., goal/implementation/outcomes), were confirmed by content relevant organizations (e.g., National Student Nurses Association Mid-Year, 2023 National Black Nurses Association, 2023 Preparedness Summit).

Finally, CU arranged three formal engagements with subrecipients. These were statewide monthly meetings convened in January, February, and March.

A. Program participants: Number and academic major

	No. New	No. Total	Academic Major
BC	24	77	bio (28), // pub.hlth. (21), // psych. (14), // soc.wk. (9), // mass.com. (5)
ClfU	23	98	bio/biotech/bio.info/envir.sci (45) // chem/biochem. (9) // comp.sci/math.comp.eng. (13) // bus.adm./psych/pol.sci/mass.com/marketing (20) // earlychild/elem.edu. /Afr.Amer hist. (4) // studio.art/sports.mngmnt. (3) // crim.just. (4)
CU	52	100	nursing (100)
CCU	27	58	pub.hlth. (51) // educ. (1) // soc. (1) // bus.man (1) // history (1), // psych (1), // bio (1), // hlth.com. (1)
FMU	10	117	pre-nursing/nursing (78) // hlth.adm. (27) // psych. (2) biol. (6) // hlth.care informatics (1) // soc. (1) // hlth.sciences (1) // undecided (1)
MUSC	50	50	nursing (50)

B. Types of project events (education, clinical, leadership)/No. Attendees (SCPHPSC related)

	Type	Name
BC	1. Leadership	1. SCPHPSC Orientation/24
ClfU	1. Educational 2. Educational 3. Educational 4. Clinical	1. Emergency Preparedness Career Panel/30 2. The Great ShakeOut (i.e., earthquake drill)/40 3. American Water Works Association/15 4. STOP THE BLEED@/20
CU	1. Clinical	1. STOP THE BLEED@/20
CCU	1. Educational	1. Tabling event for Gullah Geechee Community Day -- Disseminated educational materials: Emergency preparedness (diabetes, transporting pets, building emergency kits, preparation for wheelchair users, power outages)/35
FMU	n/a	n/a
MUSC	1. Clinical 2. Clinical	1. Disaster Preparedness Skills Session (3.17.23)Trauma Stabilization/4 2. Disaster Preparedness Skills Session (3.21.23) PPE-Beyond the Basics/4

C. Major activities/accomplishments completed and No.

	Activities/Accomplishments	No.
BC	<ol style="list-style-type: none"> 1. SCPHPSC new participant Orientation 2. Registered 6 students for attendance to SC Public Health Association Annual Conference 3. SCPHPSC experience reflections video development 	3
ClFU	<ol style="list-style-type: none"> 1. Held onboarding meeting with Lowcountry PHRC Coordinator S. Roy for students to sign documents and onto Better Impact 2. Sent updated COVID Contact Tracing instructions to students in all 3 cohorts 3. Completed Scope of Work for Yr. 3 4. Sent individual emails to all students re: any missing requirements for stipend management 5. Distributed stipends to 2nd cohort and completed requisitions for 3rd cohort 6. Planned for registration for faculty, staff, and students for NACCHO conference 7. Placed order for SCPHPSC promotional t-shirts 8. Planned and created a presentation for Undergraduate Research Day 9. Created a survey for general campus community to assess awareness of emergency management 	9
CU	<ol style="list-style-type: none"> 1. Met with (01.10.23) ASPR staff re: 4.1.23 conference keynote speaker confirmation: N. Bratcher-Bowman, Principal Deputy Assistant Secretary, USHHS 2. Met with (02.14.23) ASPR staff and initiated schedule, per ASPR, to convene 3.31.23 pre-annual conference meeting with ASPR (Duston Ashton, Director-Medical Reserve Corps, Office of Emergency Management and Medical Operations) and SC MRC personnel 3. Engaged with SCDHEC personnel (K.Fradua/K.Frederic) to present session at 4.1.23 annual conference 4. Engaged with CU College of Behavioral, Social, and Health Sciences dean (provost alternate) to present welcome at 4.1.23 annual conference 5. Engaged with Pee Dee Area Director-Office of Congressman James E. Clyburn (K. Barnes) to request welcome delivery at 4.1.23 annual conference 6. Engaged with SCDHEC to confirm Dept. of Preparedness personnel (A. Martinez) to introduce keynote speaker at 4.1.23 annual conference 7. Engaged two CU Public Health Sciences faculty to participate as Yr.#3 team members to manage a cohort of @ 38 project participants to be enrolled in project 	7
CCU	<ol style="list-style-type: none"> 1. Eight students attended the SC Public Health Association annual conference in Myrtle Beach, SC that focused on health equity and social determinants of health 2. One student helped to develop the project PPT slide video for presentation at the 4.1.23 2nd Annual SCPHPSC Conference 	2
FMU	<ol style="list-style-type: none"> 1. Ninety-three students completed all requirements and received stipends/Six additional students are > 50% complete with all requirements 2. Hired agency to facilitate "Friday Night at the ER" training: to be held Apr. 5 & 6 3. All student participants received STOP THE BLEED® and individual First Aid kit 4. All participants have been added to the American Public Health Association Student Chapter membership 	4
MUSC	<ol style="list-style-type: none"> 1. Recruited and enrolled 50 nursing students into the program 2. Designed a menu of local training options for students, including live skills sessions, free access to a LGTBQ equity summit, shadowing with nurse practitioners working with diverse populations (e.g., MUSC outpatient clinics, East Cooper Community Outreach Clinic for uninsured individuals) and collaborating with the SC Sea Grant Consortium in providing extreme heat education 	7

	<ol style="list-style-type: none"> 3. Disseminated educational material to project participants (i.e., nursing students) regarding extreme heat and disaster preparedness 4. Identified two students to attend the virtual Preparedness Summit (in-person registration closed) 5. Developed local Advisory Board to guide MUSC's disaster preparedness experiences, including planning for the local SCPHPSC annual conference and feedback for the next cycle (i.e., Yr.3) 6. Secured a meeting space for the local option SCPHPSC Annual Conference on 04.22.23 7. Convened 1st local Advisory Board meeting in March to include local annual conference planning 	
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D. Challenges (i.e., departures from project work plan) and resolutions

	Challenge	Resolution
BC	There have been no major challenges/departures from work plan.	
CIfU	A small challenge is keeping all cohorts engaged in activities.	The planned resolution is to create a Student Ambassador Program comprised of student "completers" to encourage future participants.
CU	Coursera access to Contact Tracing Course change: Fee (\$45) is now required for Official Certificate of Completion.	All sites were provided "steps document" that describe how students are to enroll in Coursera's free option: Print screen "congratulations, you passed" notice for upload as satisfactory completion.
CCU	One student graduated after having received the 1 st stipend but had not completed the immersion program.	We will work with the student to complete the immersion activities at a later date. Half stipends will no longer be issued--only distributed to those who complete all requirements including immersion.
FMU	n/a	
MUSC	Convening the 2 nd local Advisory Board meeting was delayed due to late start (as subrecipient).	The 2 nd Advisory Board meeting will take place after April 1 toward aim to get the best attendance possible.

E. Technical needs requested from SCDHEC

BC	n/a
CIfU	n/a
CU	n/a
CCU	n/a
FMU	n/a
MUSC	None at this time, but we're appreciative of the help given already!

F. Description of new hires (Title/Role)

BC	n/a
CIfU	n/a
CU	n/a
CCU	n/a
FMU	n/a
MUSC	n/a

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G. "Other" noteworthy project related information

BC	We are excited to be a part of the program. The students are really enjoying the experience.
CIFU	We would like to thank Dr. Timmons for all of her help and we are looking forward to meeting all of the sites on April 1st.
CU	n/a
CCU	n/a
FMU	n/a
MUSC	We're glad to be moving along and part of the project!

H. CU formal engagement with subrecipients

Engagement	Date
1. Statewide Monthly Subrecipients Meeting #9	01.31.23
2. Statewide Monthly Subrecipients Meeting #10	02.27.23
3. Statewide Monthly Subrecipients Meeting #11	03.23.23