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December 28, 2015

Jakub Tolar, MD, PhD, Co-Chair
Andre Terzic, MD, PhD, Co-Chair
Regenerative Medicine Minnesota
University of Minnesota
MMC 806 Mayo
8806
420 Delaware
Minneapolis, MN 55455

Dear Dr. Tolar and Dr. Terzic,

Thank you for supporting SCRUBS Camp at Saint Paul College. The \$10,000 investment from Regenerative Medicine Minnesota provided scholarships to 25 low-income high school students, removing financial barriers to participation in SCRUBS Camp. Through this experience, students explored regenerative medicine, gaining skills and learning about health care career pathways.

The attached outcome report summarizes results of our program, entitled "Scholarships for 2015 SCRUBS Camp at Saint Paul College" (Grant#: MRM 2015 312ED 002). The report uses the format requested in the award letter.

Thank you again for your generosity to the Friends of Saint Paul College and to the young people of our community. Please let me know if you have any additional questions or if you would like to talk further. I am available at your convenience at 651-846-1469 or at laura.savin@saintpaul.edu.

Sincerely,

Laura Savin
Executive Director

cc: Kristen A. Frost-Griep, Finance Director, University of Minnesota

Regenerative Medicine Minnesota Progress Report

Grant Title: Scholarships for 2015 SCRUBS Camp at Saint Paul College

Grant Number: MRM 2015 312ED 002

Requester: Laura Savin

Project Timeline: May 1, 2015-April 30, 2016

Brief description of project:

SCRUBS Camp is a unique education program for underserved high school students interested in health care careers, providing exposure to careers in health care occupations including careers in regenerative medicine. The four-day summer camp provides practical experiences to help students determine their own level of interest in health care careers, improving the pathway to higher education in health care fields of study. In this way, the SCRUBS Camp meets a community need for diverse students.

The Friends of Saint Paul College Foundation (Foundation) utilized the grant investment of \$10,000 to provide financial assistance and transportation to 25 low-income high school students enrolled in 2015 SCRUBS Camp, exceeding the goal to serve 20 students. Financial assistance eliminated or greatly reduced the \$385 SCRUBS Camp registration fee for these students, making participation in camp possible including sessions on regenerative medicine. Funds also provided transportation to ensure that the low-income students are able to participate in the camp on each of the four-days of the camp program session.

Where did this project take place?

In partnership with HealthForce Minnesota, Saint Paul College's 2015 SCRUBS Camp took place at the Saint Paul College campus, located at 235 Marshall Avenue, Saint Paul, MN 55102. The program occurred between July 20 and July 23 of 2015.

People impacted by project and where they are from:

Of the 57 high school student participants in 2015 SCRUBS Camp, a total of 25 received scholarship awards. Of the scholarship recipients, 24 received full scholarships (attending at no cost to the families) and one student received a partial scholarship (attending at a highly reduced cost for the families).

Demographic data shows a highly diverse group of program participants receiving scholarships. Over 75% were students of color and 100% were from low-income households. Scholarship recipients were enrolled in the program through nine local high schools and 100% were entering 9th through 12th grade in the fall 2015. There were six male students and 19 female students.

What was the outcome of the project? (Did the project work the way you expected it to? What were the successes? What were the failures? How did it impact regenerative medicine in Minnesota?)

The SCRUBS Camp student survey results show how the program improved interest in health care occupations.

Student Survey Results:

- 100% of participants agreed or strongly agreed that they will go to college
- 95% of participants agreed or strongly agreed that they will apply for a health care career in college

The Saint Paul College SCRUBS Camp provided students with information about the health science educational opportunities at Saint Paul College. The Dean of Workforce Training and Continuing Education Tracy Wilson, who organized the camp, worked directly with her team and C3 Fellows Director Brian Mogren to cohesively present the continuum of health care opportunities available to college students.

Student responses from the closing camp evaluations included:

“It showed me I have the desire to work in the medical field.”

“SCRUBS Camp has stressed the importance of looking forward to your future.”

“I learned a lot of new and cool information, and got to experience extraordinary things.”

“SCRUBS Camp has opened my eyes to many new opportunities!”

Campers attended two sessions specifically related to regenerative Medicine.

The first session was led by Darrin Beekman with the University of Minnesota. His session topic was Medical Device Innovation. In this session campers were placed in groups and brainstormed about a medical problem that could be addressed by creating a medical device. Once the campers identified their problem and sketched out a solution, they used a variety of materials including paper, rubber bands and pipe cleaners to create their device. The students used critical thinking, creativity, and engineering skills to create these devices.

The second session was an experience with Susan Keirstead regarding regenerative medicine. This session included an introduction and brief discussion about regenerative medicine and stem cells, a description of the various research projects that are being conducted at the SCI and a discussion about regenerative medicine in the context of the nervous system. Following the discussion, students participated in activities including two-point discrimination, visuomotor adaptation, finding your blind spot, binocular disparity and depth perception, knee jerk reflex, cool color cube and stroop effect. Students then viewed actual animal and human brain specimens.

Please list any of the following that have resulted from your Regenerative Medicine Minnesota grant funding:

- Publications and/or manuscripts submitted for publication
- Disclosures/patents
- Other grant applications and/or awards

The grant award from Regenerative Medicine Minnesota significantly impacted the lives of 25 low-income high school students, who received scholarships to attend Saint Paul College’s 2015 SCRUBS Camp. Additional scholarship funding was secured in partnership with HealthForce

Minnesota and the Minnesota Office of Higher Education. HealthForce Minnesota secured funding from private and corporate donors to provide scholarships to six students. Through Get Ready Program funding, the Minnesota Office of Higher Education provided scholarships to 12 students.

Responsible Spending:

Please let us know how you spent the money. Any unspent funds must be returned.

The Friends of Saint Paul College spent 100% of the \$10,000 grant award on the 2015 SCRUBS Camp program. These funds were allocated as planned, shown below in the financial report.

**Financial Report: Friends of Saint Paul College
Saint Paul College SCRUBS Camp 2015**

Revenue	Budgeted	Actual
Institutional Giving - Regenerative Medicine Minnesota Grant	\$10,000	\$10,000
Institutional Giving - HealthForce Minnesota and other institutional donors	\$10,000	\$6,930
TOTAL REVENUE	\$20,000	\$16,960
Expense		
Financial Assistance (scholarships)	\$18,000	\$16,228
Transportation (bus passes and bus rentals)	\$2,000	\$702
TOTAL EXPENSE	\$20,000	\$16,930
Net Income	\$0	\$0

Of the total expenses, grant funding of \$10,000 from Regenerative Medicine Minnesota was used for financial assistance (\$9,298) and transportation (\$702).

\$152 – Transportation: MetroTransit bus passes

Bus passes were issued to students who needed transportation assistance to and from the camp. Without transportation to and from the camp, many campers would not have access to attend. By issuing bus passes to campers with need, the overall average daily attendance rate 90% or higher.

\$550 – Transportation: Bus rental

Saint Paul College rented buses to transport campers to off-site learning experiences. These experiences included tours and learning activities at Health East Medical Transportation and Gillette Children’s Hospital. All campers experienced both learning experiences. These activities helped campers to see how healthcare impacts patients and provides exposure to daily tasks of multiple healthcare occupations.

\$9,298 – Financial Assistance: Scholarships

As a direct result of the funding from Regenerative Medicine Minnesota, 25 students received scholarships, which eliminated or greatly reduced the cost of SCRUBS Camp. Without this financial assistance, campers from low-income households would not have been able to afford the \$385 registration fee to attend the four-day camp.