

Regenerative Medicine Minnesota – Outcome Report

Grant Title: Greater Mankato SCRUBS Camp

Grant Number: MRM 2015 312ED 004

Requester: Kim Mueller

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

Brief Description of the Project:

A unique education--industry partnership worked together to create a High School "SCRUBS Camp" in Greater Mankato to increase the number of students who are exposed to health careers. This partnership between HealthForce Minnesota, Minnesota State University, Mankato, Mankato Public Schools, South Central College, Rasmussen College, South Central Workforce Council, MNCEME (Minnesota College of Engineering and Manufacturing Excellence), Mayo Clinic Health System, Mankato Clinic, and The Thro Company, provided an opportunity for incoming 9--12 grade students to explore careers in the health sciences through a summer camp held on the local university's campus. Campers experienced a variety of interactive hands--on activities and special field trips to get them excited about careers in this area. Sessions were led by healthcare professionals and/or faculty from several area colleges and universities. 57 students attended the camp this year. 21 students were from underrepresented populations that attended camp on a scholarship. Students were provided with lunch each day and a set of scrubs that they wore each day.

Where did this project take place?

This event was held at the Minnesota State University, Mankato campus and allowed for tours at South Central College, Mayo Clinic Health Systems, Mankato Clinic, and Oaklawn Nursing Home.

People impacted by project and where they are from:

We had 57 students attend the camp:

16 were on full Scholarship

5 were on partial scholarship

Age Range was incoming 9th-12 graders

22 Schools were represented including:

Coon Rapids High School, East High School, East Junior High School, Eden Prairie High School, Franklin, Futures, Hidden Oak Middle School, Janesville-Waldorf-Pemberton, JFK Bloomington, Kato PCS, Lake City High School, Lincoln High School, Loyola, Mayo High School, New Prague, New Ulm, Robbinsdale Armstrong High School, Rochester Mayo, St Peter, Spring Lake Park, The Blake School, and West High School

We will also be able to impact a second camp:

65 students

20+ on scholarships

Age Range will be incoming 9-12 graders

Number of schools is to be determined.

Overall, over 120 students will be impacted by this grant and exposed to the concepts of regenerative medicine!

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 MN?)

The camp actually ran a lot smoother than expected, especially since this was the pilot in Mankato. The students were very enthusiastic about the activities and provided positive feedback on the event.

Attached you will see the Pre- and Post-Camp Surveys taken by a majority of the attendees along with feedback that indicated everyone who took the survey would recommend the camp to others.

There was a lot of time and thought put into the regenerative medicine portion of the event. We had guest speaker, Dr. Tolar from the University of MN present as a keynote to the students, as well as U of M faculty Randy Daughters who was able to highlight regenerative medicine. We also had additional breakout sessions that helped to tie regenerative medicine to our camp. Prosthetic Labs and Orthopedic and Fracture clinics both had camp sessions that touched on how they are impacted by regenerative medicine. Using aging suits, and studying the breakdown of the human body, students were able to discuss regenerative medicine to human use. Through exposure on a number of different levels and conversations, students could see how regenerative medicine is interwoven throughout many careers. At the second camp, we used aging suits to highlight how bodies age and what happens with tissue, muscle and bone as a body ages.

The overall outcomes of the project:

- 57 students were exposed to health careers in a hands-on way over a 3-day experience.
- Students explored regenerative medicine and how it relates to a myriad of health professions.
- A strong partnership between education and industry will continue to work together to offer similar opportunities for future students.
- Additional students (65) will benefit from the grant and learn about regenerative medicine in the summer of 2016.

Please list any of the following that have resulted from your Regenerative Medicine Minnesota Grant Funding: (Publications and/or manuscripts submitted for publication, other grant applications and/or awards)

Attached you will see the SCRUBS Camp flyer and brochure as well as a t-shirt that was created for the campers and volunteers.

Below you will see a link to a powerpoint of pictures that was shared with all students/families as well as a link to all of the pictures that were taken at the event. (All students have signed photo releases to have their pictures be used by SCRUBS Camp.)

file:///Users/kmuell1/Downloads/SCRUBS%202015%20(1).pdf

<https://www.facebook.com/pages/Mankato-Scrubs-camp-2015/706061849493907?fref=ts>

Responsible Spending:

The Grants and Contracts Division of the Minnesota State University, Mankato Business Services will be preparing and sending a financial report regarding the spending on this grant.