

## 2020-2021 HSLC Case Competition - Case Study

The Interprofessional Healthcare Case Competition is designed to give professional healthcare students an Interprofessional teamwork experience and to gain insight into the Interprofessional practice competencies. The case is designed to reveal the complexity of the healthcare delivery system and the need for collaboration between healthcare professionals in order to reach the best health outcomes for clients/patients. There are four parts to this case presentation: Setting, Dilemma, Ask, and Deliverables.

### Setting

There are multiple major health providers in Eastern North Carolina. This setting will focus on Vidant Health System and ECU Physicians Group. The Vidant Health System serves 1.4 million patients across 29 counties in Eastern North Carolina and consists of a Level 1 trauma center, 8 regional hospitals, and numerous primary care and specialty services.



ECU Physicians is a large multispecialty group which provides both primary care and specialty services from birth to geriatrics. ECU Physicians offers 40 Health Care programs across 20 different locations including the East Carolina Heart Institute which is devoted to education, research, prevention, and treatment associated with heart and vascular diseases.

## Dilemma

Upon reviewing 2018 mortality rates in eastern North Carolina, there were a total of 3,103 deaths due to heart disease among 14,103 deaths accounting for 22% of all deaths. Heart disease was the leading cause of death in 26 of the 29 counties in 2018. One county, Perquimans, heart disease accounted for as much as 33.5% of all deaths. Heart disease is defined as several heart conditions that involve narrowed or blocked blood vessels that can lead to a heart attack, chest pain, or stroke.

## Ask

Your team of interprofessional student healthcare providers has been assembled to design an innovative and creative way to reduce the mortality rate related to heart disease in Perquimans county, specifically related to stroke. Your team will be given \$1,000,000 to create innovative way/s to address community level interventions to reduce the mortality rate specifically related to stroke in Perquimans County over a 3-year period.

## Deliverables

The Team Captain will email all the items listed below to Emily Waters at [theyse18@ecu.edu](mailto:theyse18@ecu.edu) by 5:00pm on Friday, October 30, 2020.

- 3-page executive summary
- One-page budget
- PowerPoint Presentation

You will receive an initial confirmation of receipt of your materials from Emily Waters within 3 hours. Your response should focus on how you will address the leading cause of death in this region specifically focusing on stroke.

## Executive Summary

The executive summary should be written in 12-point font, Times New Roman and single spaced. You can have cover and reference pages (which will **NOT** count as part of the page limit). References should be in APA formatting.

The executive summary will be judged on the following:

- Performed quality analysis that supports the recommendations
- Incorporated interdisciplinary perspective into the analysis and recommendations
- Extent to which recommendations resolve the major issues in the case
- Feasibility of the recommendations
- Creativity of the recommendations
- Implementation plan prioritized the issues and recommendations
- Quality of the cost analysis

## Budget

The budget should be a separate page and submitted along with the executive summary. Budgeting over multiple years can be complex and include multiple parts. For each year of the budget, the following categories must be presented at a minimum:

1. Personnel
2. Direct Costs (materials and equipment)
3. Grand Total

### Oral Presentation

Each team will present their oral PowerPoint presentation on the morning of October 31st. Teams will be required to use the Powerpoint presentation that was submitted prior to the competition. They will not be allowed to make any changes to the presentation once it is submitted.

Each team will have 10 minutes to present the results of their case analysis and their recommendations. A silent "3-minutes left" warning will be given to the team during their presentation at the 7-minute mark. At the conclusion of 10 minutes, the timekeeper will announce time, and the team must stop their presentation at that time. No team will be permitted to exceed the allocated 10-minute time limit. If the team completes its presentation prior to the 10-minute time limit, the team should announce that they have completed their presentation. Presentations will be followed by a 5-minute question and answer period with the judges and audience members. Each team member is expected to participate equally in the presentation and question and answer period.

The oral presentation will be judged on the following:

#### **Oral PowerPoint Presentation Content:** (Oral presentation to panel of judges)

- Identified and focused on major issues of the case.
- Performed quality analysis that supports the recommendations.
- Incorporated interdisciplinary perspective into the analysis and recommendations.
- Extent to which recommendations resolve the major issues in the case.
- Feasibility of the recommendations.
- Creativity of the recommendations.
- Implementation plan prioritized the issues and recommendations.
- Quality of the cost analysis.

#### **Presentation Style:** (Oral presentation to panel of judges)

- Poise and professionalism of verbal delivery.
- Each team member had a meaningful role.
- Quality of presentation materials.
- Coordination of written materials with verbal presentation.

#### **Questions and Answers:** (Oral presentation to panel of judges)

- Answered questions that were posed.
- Responses demonstrated breadth and depth in understanding the issues.
- Responses were clear and well-articulated.
- All team members participated in answering questions.