Provide an example of the program’s most interesting or important assessment finding that demonstrates the program’s success associated with a program learning outcome.

92% of students assessed met or exceeded expectations for understanding of biology and physiology as needed to solve problems in biomedical engineering. Students were particularly knowledgeable about regulation and control in physiologic systems and were able to quantitatively describe physiologic function using physics and mathematical models. The current methods of instruction are effectively communicating a systems approach to physiology.

Describe an assessment result that indicates an opportunity for improvement and identify the specific actions the program will take to improve student learning.

Assessment of student learning indicates an opportunity for students to gain more exposure to consequences of abnormal physiologic function. Additional homework problems regarding abnormal function may be provided to students that would require their use of mathematical and physical principles to estimate consequences.