

Article-Based Observation: Q

Directions: Read the articles "[Photosynthesis reinvented](#)" and "[How plants hunt water](#)" and then answer these questions:

Based on the article "[Photosynthesis reinvented](#)" about Chong Liu:

1. What personal characteristics and decisions helped make Chong Liu a successful scientist?
2. What inspired Chong Liu to become a scientist?
3. What was the objective of Chong Liu's research that was reported in *Science* in 2016? What is the objective of the research he is currently conducting in his lab at UCLA?
4. What helped inspire and define Chong Liu's research topics?
5. What new method did he develop for his research?

6. What are some ways in which Chong Liu's research could be applied outside of the lab?

7. What overall STEM field(s) does this research belong to? What other types of STEM careers could utilize the STEM field(s) covered in the article?

Based on the article "[How plants hunt water](#)" about José Dinneny:

1. What personal characteristics and decisions helped make José Dinneny a successful scientist?

2. What inspired José Dinneny to become a scientist?

3. What was the inspiration that helped define José Dinneny's research topic?

4. What was José Dinneny's objective of his research?

5. What new method did he develop for his research?

6. What overall STEM field(s) does this research belong to? What other types of STEM careers could utilize the STEM field(s) covered in the article?

7. After reading both articles, how are these two scientists similar?