

## SEA-PHAGES Scavenger Hunt

Use the video which you watched and the [www.phagesdb.org](http://www.phagesdb.org) website to find answers to the following:

1. Find the name of a phage that begins with the same letter as your First Name.
  - A) What is the name of the phage?
  - B) Where was it found?
  - C) By whom?
2. What is the name of the lead scientist of the SEA-PHAGES program? Where does he work?
3. Name two of the hosts used for bacteriophage isolation.
4. How many total phages were found in 2020?
5. How many phages were isolate by Nyack College?
6. What is name of a phage found at Nyack? Found by? Year? Is it sequenced?
7. What is the name of the young lady saved by phage therapy?
8. Find a phage that begins with the same letter as your Last Name that has been sequenced (different from the Q1).
  - A) What is the name of the phage?
  - B) What is the genome size?
  - C) How many genes are in the phage?
  - D) What cluster does it belong to?
  - E) How many phages belong to that cluster?
9. How many genes are in the virus that causes COVID-19? (Google search)
10. What topics were the two most recent journal papers from the SEA-PHAGES program about?
11. Name another school in the SEA-PHAGES program that is geographically close to Nyack College.