Review-to-Improve (R-2-I):

Purpose:
R-2-I in intended to improve annotator skills in order to improve SEA annotations and SEA support program growth. Through R-2-I, faculty will become Expedited Submitters. As Expedited Submitters, you can accomplish more in your classroom during the semester, including submitting to GenBank and publishing genome announcements. As faculty become Expedited Submitters, the program is able to continually welcome and support new faculty learn to annotate and offer the PHAGES project.

R-2-I Objectives:
Current Phage Genomics Instructors (annotators)
- can compare their submitted minimal file data to the QCers QC'd file.
- determine the differences, rationalize them, and then discuss them to improve phage biology understanding and improve annotation skills

General R-2-I Process:
- SELF WORK:
  - Follow the R2I steps in the Bioinformatics Guide. This includes comparing YOUR submitted minimal file data to the QCers QC'd file, then determining and rationalizing the differences.
- SUPPORTED WORK:
  - Set up a R2I session with a SMART member.
  - Discuss the differences and receive feedback, which you can use to improve your future annotations.
- BECOME AN EXPEDITED SUBMITTER:
  - We are confident that in fewer than 6 R2I sessions, you will be ready for Expedited Submitter status.

The R-2-I Session at the SEA Faculty Meeting is Intended For You To:
- Learn the steps to generate necessary materials for R2I
- Review R2I docs with a SMART member at the meeting
  - Be sure to have a forum post and upload documents and evaluations to it
- If you are new to R2I, start the process TODAY! Options include:
  - Finding your old files to do you own work. If you do not have a forum page, request one at info@seaphages.org with your request. Include your name, school, and genome(s) you plan to review.
  - Piggyback with someone who has files to review, observe the process and take notes so you can initiate the process when you get home. When you have files ready for R2I, request a review (and forum page) at info@seaphages.org.
- NOTE: At 2023 Faculty meeting, each SMART member will facilitate R-2-I for ~5-6 genomes/persons, while Expedited Submitters will be paired with a SMART member to engage in the process and prepare to support future R2I sessions.