

Table 1: Examples of types of feedback we anticipate to generate from pilot testing among different groups to help us refine the training materials.

	CSU pilot testers	ASM workshop participants	Early online users
Characteristics of the trainees?			
• Demographics	Yes	Yes	Yes
• Highest educational degree	Yes	Yes	Yes
• Research role (e.g., principal investigator, research associate, graduate student)	Yes	Yes	Yes
How often the training materials are used			
• How many trainees have accessed the online book?	No	No	Yes
• How are online book users distributed across the U.S.?	No	No	Yes
• How many international trainees have accessed the online book?	No	No	Yes
• How many trainees attended the ASM workshop?	No	Yes	No
• How many trainees attended on-campus CSU piloting?	Yes	No	No
Patterns in use of each module			
• How long do trainees stay on the webpage for the module?	No	No	Yes
• For each module video, how often has it been watched?	No	No	Yes
• When trainees watch a module's video, on average what percent do they watch?	No	No	Yes
• How often are additional educational materials (quizzes, applied exercise materials) used?	No	No	Yes
• How often is the entire book downloaded as a PDF or EPUB file?	No	No	Yes
• Which of the modules are used most frequently?	No	No	Yes
Usefulness of each module			
• What were the trainee's goals in using this training material?	Yes	Yes	No
• Did this module provide the trainee novel information?	Yes	Yes	Yes
• Does the trainee plan to change research practices based on having taken the module?	Yes	Yes	Yes
• Is so, how does the trainee plan to change research practices based on having taken the module?	Yes	Yes	No
• Was the module useful enough that the trainee would recommend it to other scientists?	Yes	Yes	Yes
• Which elements of the training modules (video lecture, written text, additional educational materials) did the trainee find most useful?	Yes	Yes	No
• For each module video, are there spots where it is common for trainees to stop watching?	No	No	Yes
• How did the trainee choose which modules to use?	Yes	Yes	No
• For the modules taken, what content did the trainee wish had been covered but was not?	Yes	Yes	No