

Attitude assessment for metagenomic analysis of a soil enrichment culture (Winogradsky column). Read the following statements & indicate whether you agree or disagree based on the following scale:

| 1 | 2 | 3 | 4 | 5 |
|--------------------------|-----------------|-------------------|--------------|-----------------------|
| strongly disagree | disagree | no opinion | agree | strongly agree |

1. Research in microbiology requires the use of Bioinformatics techniques.

| 1 | 2 | 3 | 4 | 5 |
|----------|----------|----------|----------|----------|
|----------|----------|----------|----------|----------|

2. Metagenomics approaches enhanced my knowledge of bacterial species diversity.

| 1 | 2 | 3 | 4 | 5 |
|----------|----------|----------|----------|----------|
|----------|----------|----------|----------|----------|

3. I gained confidence in using computer tools to address questions in microbial community diversity.

| 1 | 2 | 3 | 4 | 5 |
|----------|----------|----------|----------|----------|
|----------|----------|----------|----------|----------|

4. The use of bioinformatics and genomics tools in the laboratory increased my interest in microbiology.

| 1 | 2 | 3 | 4 | 5 |
|----------|----------|----------|----------|----------|
|----------|----------|----------|----------|----------|

5. Use of RDP increased my understanding of how microbial species can be compared.

| 1 | 2 | 3 | 4 | 5 |
|----------|----------|----------|----------|----------|
|----------|----------|----------|----------|----------|

6. I understand how computer-based bioinformatics tools interface with laboratory experiments in metagenomics.

| 1 | 2 | 3 | 4 | 5 |
|----------|----------|----------|----------|----------|
|----------|----------|----------|----------|----------|

7. The use of public electronic databases is essential for comparing microbial species diversity.

| 1 | 2 | 3 | 4 | 5 |
|----------|----------|----------|----------|----------|
|----------|----------|----------|----------|----------|

8. I feel comfortable using bioinformatics tools and would be able to apply them to future microbial studies.

| 1 | 2 | 3 | 4 | 5 |
|----------|----------|----------|----------|----------|
|----------|----------|----------|----------|----------|

9. I would take another lab course that incorporates bioinformatics.

| 1 | 2 | 3 | 4 | 5 |
|----------|----------|----------|----------|----------|
|----------|----------|----------|----------|----------|