

Student Learning and Teaching Effectiveness Evaluations from Intro Bio Lab Instruction (Fall 2012)

Student Learning

I feel more comfortable using the scientific method	57.1% (4)	14.3% (1)	28.6% (2)	0.0% (0)	0.0% (0)	7
I feel more comfortable using a lab protocol	71.4% (5)	28.6% (2)	0.0% (0)	0.0% (0)	0.0% (0)	7
I understand new scientific concepts and/or techniques	42.9% (3)	57.1% (4)	0.0% (0)	0.0% (0)	0.0% (0)	7
I have a new appreciation for scientific procedures or a specific area of biology	57.1% (4)	28.6% (2)	14.3% (1)	0.0% (0)	0.0% (0)	7
I can better think, work, and write like a scientist	50.0% (3)	33.3% (2)	16.7% (1)	0.0% (0)	0.0% (0)	6
I can better interpret scientific data	71.4% (5)	14.3% (1)	14.3% (1)	0.0% (0)	0.0% (0)	7
I have a better understanding of statistical analysis and graphing	57.1% (4)	14.3% (1)	28.6% (2)	0.0% (0)	0.0% (0)	7
I can better develop and test my own hypothesis	57.1% (4)	28.6% (2)	14.3% (1)	0.0% (0)	0.0% (0)	7

Greatest Strengths as a Lab Leader

She's very patient and pushes us to find the answers from multiple viewpoints. She's also very understanding when we are stuck on a problem and works through it with us until we fully understand.

12/9/2012 7:08 PM [View Responses](#)

Tracy was a Saint. She is extremely smart, funny and awesome.

12/9/2012 12:02 AM [View Responses](#)

She put down rules, and made sure everyone knew what they were. She always made sure we knew what we were supposed to be doing, and always made sure we had our equipment ready to go.

12/7/2012 4:31 PM [View Responses](#)

Very helpful and tries to make the long hours a bit more fun.

12/6/2012 9:56 PM [View Responses](#)

She was very patient, and would motivate student participation even if they were less than eager. She was also good at interpreting the rather confusing directions of the lab manual.

12/5/2012 8:39 PM [View Responses](#)

Greatest Weaknesses as a Lab Leader

Probably try a quiz preparation to make sure we know what is to be expected on quizzes
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She has none. She is too perfect.
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She was not clear enough with directions most of the time, and when you would ask for help, she would answer with a question (which drives me crazy).
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Sometimes it's a bit hard to understand the explanations to our questions sometimes ... it takes a while for us to understand how she's trying to explain it. And this is nothing against Tracy, she's great and all, but she needs to have a less noisier classroom ... the fans made it really hard to hear not only what she was saying, but what other students were saying as well.
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None come to mind.
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Plan to Address Student Concerns

In general students seemed positive about teaching style. Some helpful comments centered on making the time more fun, especially for a long lab section (3 hour class period) I will continue to maintain enthusiasm and try to break up the long hours through breaks and activities such as demonstrating fun and relevant biology websites and integrating current topics in science into the classroom.

The students like knowing what is going on and what is expected of them. Making sure they are aware of safety and other course expectations and that they have access to equipment and supplies allows for a efficient and safe lab period.

In the future, preparation for a class will include possible problems or hang-ups that students might face. This will help with the initial descriptions of the project and what is expected for the assignment so that trouble areas or hard to grasp concepts are addressed at the start of class instead of finding students struggling with a problem due to not understanding the underlying concept.

Reviewing goals of each section at the start of the class will allow students to monitor their own progress on their understanding of fundamental concepts as well as give them practice in discerning the important points in each topic.