



QuarkNet

Stories from the classroom

QuarkNet has provided me the opportunity to expand my knowledge base on particle physics. This has helped my teaching of the material tremendously. I have been able to go more in depth on topics that I did not truly understand before. Through workshops at my QuarkNet Centers along with Data Camp at Fermilab, I have transformed my teaching to bring the material to a level of understanding of my high school students. In teaching modern physics, I use many of the lessons that are on the QuarkNet website.

I have been lucky enough this year to receive a cosmic ray detector through QuarkNet. I have a group of four students that are working on an independent study to collect and analyze the data from the detector. This is a wonderful experience for any student that is thinking about going into research. It allows them an opportunity that they usually would not experience until at least college. With those students, we also participated in the international data day. The students analyzed data and then talked with scientists from around the world about their findings. Without QuarkNet, that would not be possible.

QuarkNet has allowed for invaluable experiences in both my personal learning along with my students learning that I do not think I could have gained from any other program. I am lucky to be a part of such a great organization.

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