

Caitlin Sherman
Geosc 10
Extra credit 1



Mount Nittany

View from the Bryce Jordan Center. Mount Nittany is one part of the Appalachian mountain Ridge and Valley province.

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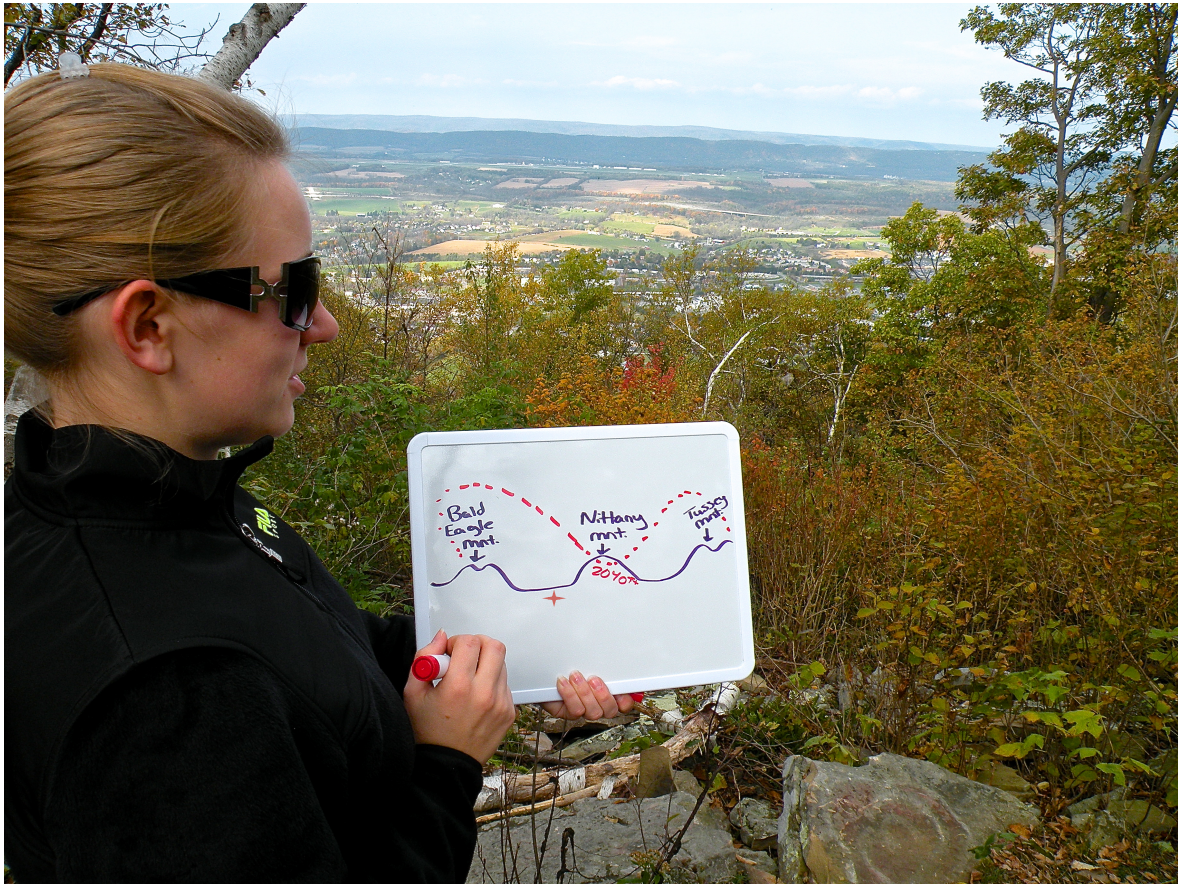
Here I am at one of the highest elevation on Mt. Nittany, 2040 ft. In the diagram I have depicted the current formation of Mt. Nittany and surrounding ridges. In the background of the image, Northwest of my location, Bald Eagle Mountain can be seen. To the South and out of view are the Tussey Mountain ridges. Mount Nittany is part of the ridge and valley part of the Appalachian Mountains that were formed when the North America and African continents collided.

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Here I have depicted the synclinal depression part of the anticlinal Nittany Arch, in red dashes, that was once a huge mountain. Its valley was near the peak of Mount Nittany and had an even greater elevation than the surrounding ridges of Bald Eagle Mountain and Tussey Mountain.

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Why is all this important? Well first of all State College (the little red star) would not be located in Happy Valley if the anticlinal arch hadn't collapsed, Mount Nittany would not be a prominent geographic feature of the area, and beautiful fall views from this location would not be possible.