

1145-G5-2033 **Meghan M. De Witt*** (mdewitt@stac.edu), Sparkill, NY. *X-Lab: interdisciplinary research combining math, biology, computer science, and business.*

We describe the inaugural year of X-Lab, an interdisciplinary undergraduate research group in the scrum style. This first year of the program investigated human's effect on climate change and the extreme weather that can result from this. The project combined the work of biology students (who provided the subject matter expertise), math students (who performed the mathematical modeling and prediction), marketing students (who helped steer the project to a final format), and computer science students (who created a virtual reality experience that allows the user to submit data that will be used as part of the research). The success of this year's endeavor will lead to future projects in many disciplines and steer the college towards a more project based model of student learning. (Received September 24, 2018)