Most of the drugs on the market today are hydrophobic in nature making them less likely to be adequately absorbed. A large part of this problem is due to the fact that the drugs have decreased solubility. They exist in a crystalline structure and because of their hydrophobic nature they are not easily soluble in a system, such as the body, which is largely composed of water. To combat this problem, the amorphous state of these drugs are being studied intensively. When in the amorphous state, the drugs are neither crystalline nor in a completely solubilized state. This way they are able to become suspended in solution with the help of polymers. The research I am conducting focuses on these polymers and how they interact with drugs, specifically the drug Celecoxib. I hope to use the average crystallization times collected from these experiments to gather information about the polymer properties that effectively and efficiently delay the crystallization of Celecoxib.