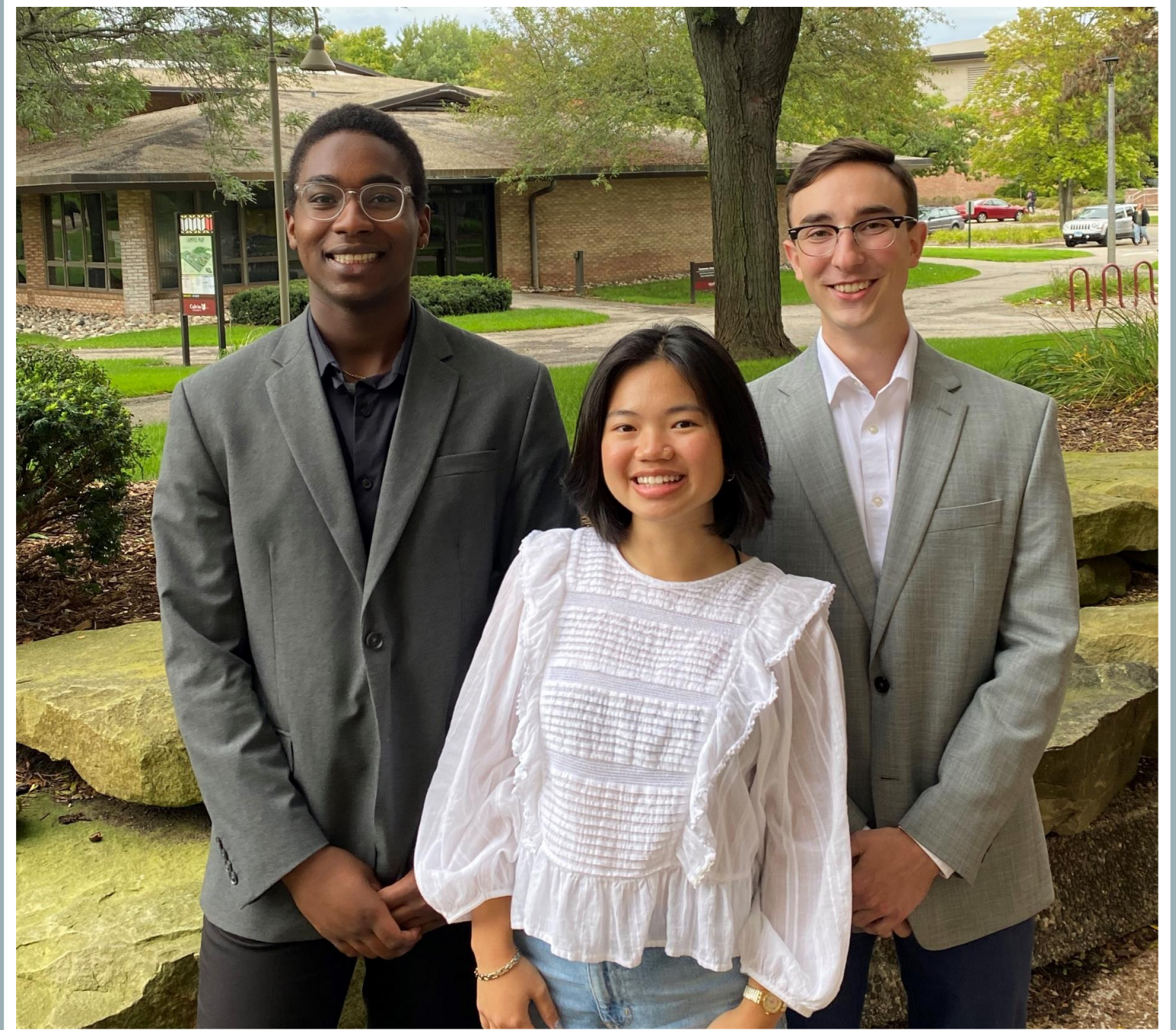
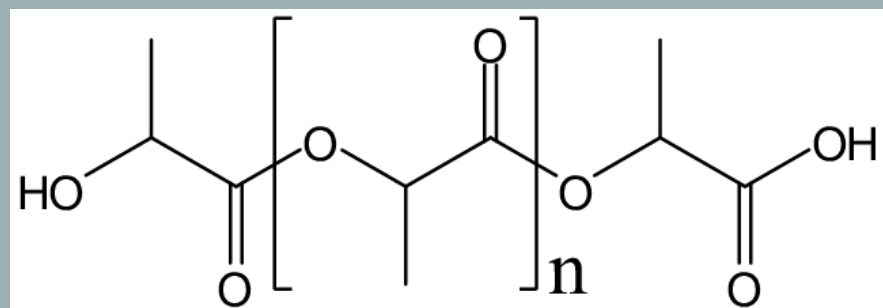


Team 19: The PLAstics

Project Overview:

Our team is designing a production plant for the manufacture of the bioplastic PLA. Polylactic acid (PLA) is a polymer produced from natural carbohydrate sources rather than the traditional petrochemical raw materials used in plastics. PLA is also biodegradable and can be composted, further reducing its environmental impact. With a wide range of applications including medical implants, packaging, and 3D printing filament, PLA can be a valuable part of our continued goal of a more sustainable future.



From left to right: William Toomey (ChE), Audrey Tran (ChE), Adam Gagliardo (ChE)