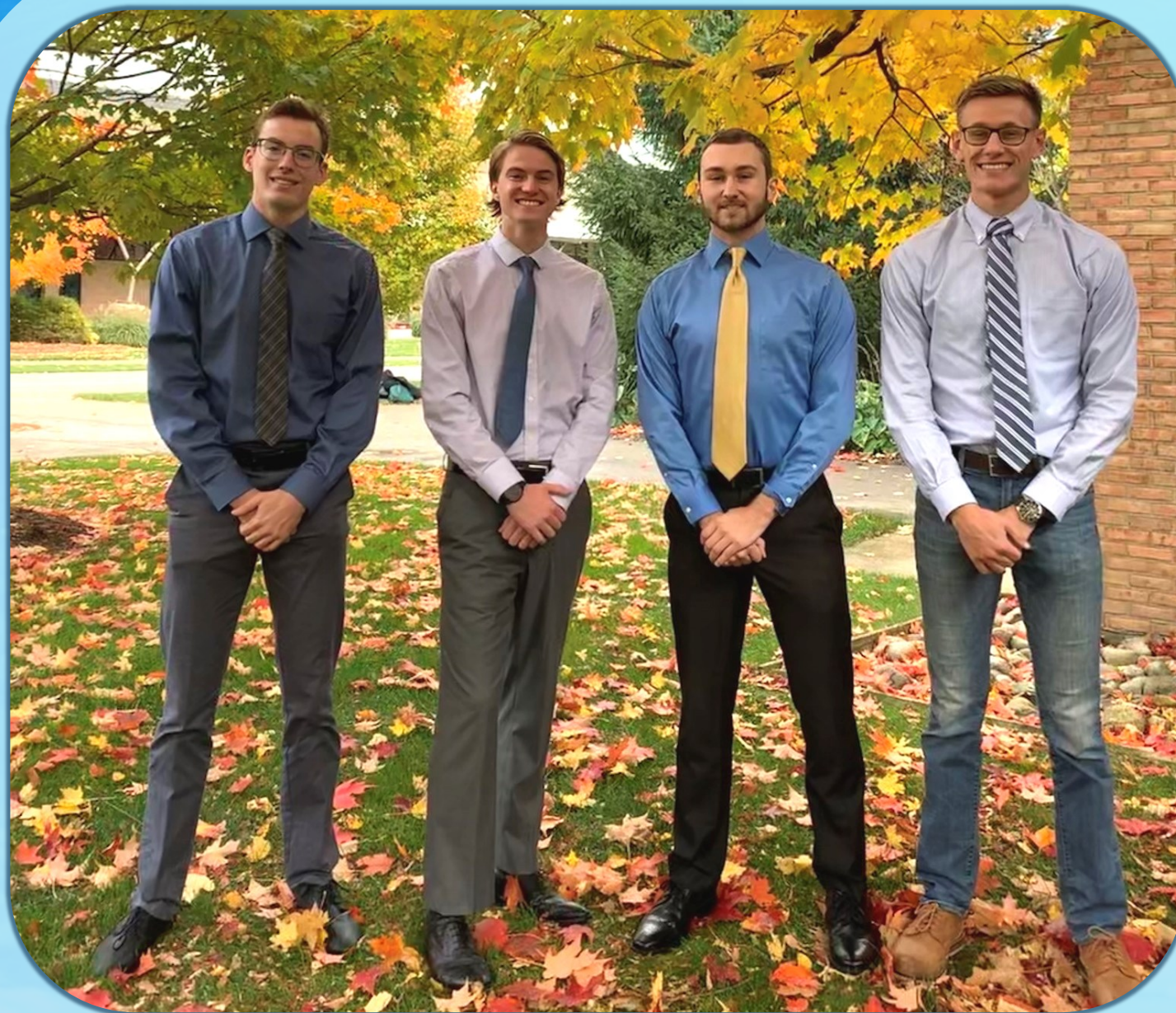


Team 9: HydroCreator



Sam Norman ME **Dayton Thomsen** CE **Justin Koehn** ME **Ben Duimstra** EE

Hydrocreator seeks to harness hydroelectric power for residential use from a small-scale water source, specifically in a stream in our clients back yard. This solution will allow our client to leave behind a smaller carbon footprint, as well as take off some of the cost of his monthly electrical bill. This system will be capable of running year-round, and therefore must be able to stand up to the elements. However, the system will not interfere with the surrounding natural area, and therefore will have a net positive impact on the environment.