

2022 HTRS Student Research Award



Dylan T. Bertovich

Geisinger Commonwealth
School of Medicine

Project Title

"Characterization of the Binding Interaction
Between Factor XII and Integrin $\alpha 11 \beta 3$."

Mentor

Pavan K. Bendapudi, MD

Dylan Bertovich is a first-year medical student at Geisinger Commonwealth School of Medicine in Scranton Pennsylvania. He graduated from Washington & Jefferson College in 2021 with a B.A. in Chemistry. Dylan is an avid runner, reader, and nature enthusiast, having grown up on a large farm in rural southwestern Pennsylvania. This summer Dylan is working with Dr. Bendapudi to investigate the binding interaction between Factor 12 and Integrin $\alpha 11 \beta 3$. He hopes to elucidate the minimum region of Factor 12 that is necessary to bind to the integrin to allow for further manipulation and targeted treatments of clotting factors. After this research experience, Dylan plans on specializing in hematology and continuing to research.