

2020 DELAWARE VALLEY YOUNG ENGINEER OF THE YEAR
JESSE T. GORMLEY, PE

Jesse Gormley serves as a Project Structural Engineer and Manager with Pennoni at the firm's headquarters in Center City. He has been with Pennoni for the past twelve years, starting as a co-op student and returning as a full-time engineer following his graduation from Drexel University in 2010 with both his Bachelor of Science in Architectural Engineering and Master of Science in Civil Engineering degrees, with Magna Cum Laude honors. He specializes in bridge and structural design, inspection and load rating analysis for bridges, and design of retaining walls and related earth-retention structures. Among his recent projects are the Crum Creek Viaduct replacement on SEPTA's Media-Elwyn Regional Rail line, the replacement of overhead structures on the Vine Street Expressway in Center City, and the award-winning Lock Street bridge spanning the Manayunk Canal in northwest Philadelphia.

Jesse is a member and supporter of several professional organizations and institutes, including the Engineers' Club of Philadelphia (ECP), American Society of Highway Engineers, Pennsylvania Society of Professional Engineers, Structural Engineering Institute, and Women's Transportation Seminar. He is most active in the Philadelphia Section of the American Society of Civil Engineers (ASCE), where he has been a Board member for its Younger Member Forum (YMF) since 2011 in a variety of capacities and is proud to currently be serving as President. His crowning achievement during his YMF tenure, though, remains the co-founding of the Chester A. Arthur School Civil Engineering Club in South Philadelphia in 2012. The Club, a program in a public elementary school, was the first such undertaking in Pennsylvania and the first nationally to work with middle school-grade students. It is currently in its eighth year and has seen over 60 students participate in the weekly afterschool program to learn about all the various disciplines of civil engineering. He is also active at the National level of ASCE on its Committee on Younger Members (CYM).

Jesse is passionate about student outreach and increasing public awareness of the engineering professions. He strives to have students realize the diverse opportunities available in the STEM fields. In addition, to the Civil Engineering Club, Jesse has organized numerous outreach events at local schools, reaching hundreds of students. Most recently, he began a partnership with the new Science Leadership Academy Middle School in West Philadelphia to lead a six-week, project-focused mini-course to 5th and 6th graders, on behalf of Pennoni. He has written about these experiences and given presentations to both ASCE and ECP members on best practices for STEM outreach.

Jesse feels fortunate to have very supportive family and friends. His mother is a teacher and was especially encouraging of his interest in the STEM-related classes, finding unique ways to work science and math into his childhood, particularly through cooking. He is especially appreciative of his wife, Christina, and daughter, Sadie, for all the opportunities and support they have provided him. They are residents of Havertown.