

**EDUCATION**

Bachelor and Master Degrees,
Mechanical Engineering - University of
Louisville Speed School, 2010
Certificate in Environmental Engineering

**REGISTRATIONS/
CERTIFICATIONS**

Ms. Gumbel is a Licensed Professional
Engineer (PE) in the State of Kentucky
(#30804)

LEED AP BD+C (Leadership in Energy
and Environmental Design, Accredited
Professional, Building Design and
Construction)

PROFESSIONAL ACTIVITIES

U.S. Green Building Council- Member

Ms. Gumbel joined CMTA as a co-op in August 2007. She has specialized in the design of HVAC, hydronic, and geothermal systems with a focus on educational facilities, including both new construction projects and renovations.

Commercial, higher education, and K-12 are all market segments where Ms. Gumbel has extensive experience, including libraries. Her background involves assessments, studies, and system design.

Ms. Gumbel has worked on over nine K-12 schools in Jefferson County, including three high school projects since she became a full-time employee in 2010. The majority of these projects were complete HVAC renovations. She led the mechanical design for both Southern and Fern Creek High Schools which each totaled 250,000 square feet of renovation. She has also assisted in construction administration for several of the school projects. In addition, she has worked on projects for technical training facilities for both KCTCS and Shelby County Schools.

Ms. Gumbel also assisted the mechanical design team for the Northern Kentucky University Campus Recreation Center project. She was responsible for the geothermal heat pump design including the well-field, equipment, ductwork, and piping layouts. She also designed the associated dedicated outside air systems.

As the mechanical engineer, Ms. Gumbel will be responsible for the planning, design and execution of the mechanical systems.

PROFESSIONAL EXPERIENCE**Emily Hundley Library**

St. Catharine College
St. Catharine, Kentucky

Louisville Free Public Library

St. Matthews Library Addition & Renovation
Louisville, Kentucky

Jefferson County Public Schools - Summer Renovations

Louisville, Kentucky

Hancock County Public Library

Hawesville, Kentucky

East Middle School**Shelby County Public Schools**

Shelbyville, Kentucky

Foster Heights Elementary School

Nelson County School District
Bardstown, Kentucky