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Gloria A. Frank

Technical Staff III

About Gloria

Gloria Frank is a member of the structural engineering staff at Raths, Raths & Johnson, Inc. She is engaged in condition assessment, field investigation and testing, litigation support services, and documentation of structural components and distressed structures. In addition to structural engineering projects, she assists with testing for building enclosure condition assessment.

Prior to RRJ, she was an engineering intern for a national architectural/engineering forensics consulting firm and the Village of Lombard, Illinois Public Works, and Community Development departments. She gained experience in field investigation and testing, condition surveys, structural analysis, and repair design of failed structural systems and historic structures.

While earning her master's degree at the University of Illinois, she worked as a teaching assistant under Professor Emeritus German Gurfinkel, assisting with courses in structural design of reinforced concrete and prestressed concrete. She also worked with Professor Gurfinkel on a consulting project regarding structural capacity evaluation and destructive strength testing of a prestressed concrete bridge pile. She pursued a strong complement of coursework in structural engineering design and analysis, non-destructive evaluation methods, and historical preservation. At the same time, she held leadership positions in multiple organizations, including the Chi Epsilon Honor Society and a mentorship program for freshman engineering students.

Education

Master of Science in Civil Engineering, 2020
Focus in Structural Engineering
University of Illinois at Urbana-Champaign

Bachelor of Science in Civil Engineering, 2018
University of Illinois at Urbana-Champaign

Professional Affiliations

Structural Engineers Association of Illinois (SEAOI)

Women in Structural Engineering (WiSE)
Committee Member

Chi Epsilon Civil Engineering Honor Society, Alpha Chapter
Past Board Member

Landmarks Illinois
Skyline Council Member

Honors & Awards

U of I List of Teachers Ranked Excellent by their Students
2019 & 2020

Nominee – Knights of St. Patrick Award for Engineering
Excellence

Loreta & Silvio Corsetti Memorial Scholarship, 2016
and 2017



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Publications | Presentations

"5,000 Miles from Oahu: BECx for Harvard University Swartz Hall (. . . During a Pandemic)," IIBEC SoCal Chapter 21st Annual Hawaii Winter Workshop, P.E. Reicher and G.A. Frank, January 27, 2022