Date:       Tuesday, November 18, 2014
            12:00-12:50pm

Location:  Gilman Hall 50

Speaker:   Mark Erdman, PE
            Associate Principal STRUCTURA INC.

           Jason Dreher, PE
            Associate Principal STRUCTURA INC.

Construction Documentation and BIM Applications in Engineering and Construction

This seminar will provide students with a basic understanding of construction documentation methods, with a particular emphasis on Building Information Modeling (BIM). Students will learn how construction documents are assembled, coordinated, and maintained, and how BIM technologies are implemented into the design and construction processes.

About the Speakers

Mr. Erdman began his employment with Structura in 1999 and has a wide range of experience with projects involving both new and existing structures. He has been the lead designer on various projects constructed in structural steel, reinforced concrete, post-tensioned concrete, masonry, light-gage steel, and wood. Mark is intimately involved in all his projects while managing a team of engineers. He is also the manager of Structura’s satellite office in downtown Baltimore, MD. In addition to his design responsibilities, Mr. Erdman oversees the recruiting efforts of the firm, manages firm financial performance, and client development in both the DC and Baltimore markets. Mark attended the Pennsylvania State University where he received his Bachelor of Science degree in Civil Engineering with an emphasis in structures in 1999.

Mr. Dreher joined Structura in 1999 and has been the structural engineer of record for many award-winning buildings throughout the Mid-Atlantic region. Mr. Dreher manages Structura’s Rockville office and has been involved in the management and design of a wide variety of projects, including mixed-use, multi-family residential, commercial, and retail buildings. Mr. Dreher also oversees financial performance of the firm and plays a key role in strategic planning. Mr. Dreher earned his Bachelor of Science in Civil Engineering from Penn State University and his Master’s Degree in Civil Engineering from the University of Maryland.

Faculty Host:  Dr. Rachel Sangree, sangree@jhu.edu