

**Steve Shankar, P.E., Senior Structural Engineer at Hardesty & Hanover (H&H)**

Steve Shankar is a Senior Structural Engineer based in H&H's New Haven office, with nearly 15 years of experience in the design, analysis, evaluation, and rehabilitation of transportation infrastructure. He currently serves as a structures lead for a variety of fixed bridge, movable bridge, and retaining wall projects throughout Connecticut.

Since joining H&H eight years ago, Steve has played a key role in the design of major and complex transportation structures, including the main movable span and tower structures for the new Connecticut River Bascule Bridge connecting Old Lyme and Old Saybrook. His experience also includes the design of curved steel bridges, bridge rehabilitation, and the load rating and evaluation of tunnels and concrete box-girder structures.

Steve is a graduate of Rensselaer Polytechnic Institute (RPI), where he earned both a B.S. and M.E. in Civil Engineering.



**Edward Cofrancesco, P.E., Project Manager I at HNTB Corporation**

Ed Cofrancesco is a licensed Professional Engineer and graduate of Rensselaer Polytechnic Institute with 12 years of experience in the analysis, design and construction of highway, rail and bridge projects in the Northeast. He has been involved in many projects ranging from local culvert replacements to complex and movable bridges. Ed has been with HNTB for six years and currently serves as the construction lead for design services during construction (DSDC) of the WALK Bridge Replacement project in Norwalk, Connecticut. He approaches every project with a focus on interdisciplinary coordination and constructability during design.



**William Edberg, Ph.D, P.E., Senior Technical Advisor at HNTB Corporation**

William Edberg is a licensed Professional Engineer and graduate of University of Massachusetts and University of Delaware. William has over 27 years of bridge engineering experience in industry and academia. William has worked on rehabilitation or replacement projects on a variety of complex highway and rail bridges including 10 movable bridges. William has been with HNTB for 19 years in the Northeast division offices.



**Jason Fuller, P.E., Vice President and Senior Project Manager at HDR**

Jason Fuller, P.E., is a Vice President and Senior Project Manager at HDR. He graduated from Pennsylvania State University in 1992 with a BSCE and has 34 years of experience managing and designing transportation projects with complex bridges and/or unique delivery processes including PennDOT's Rapid Bridge Replacement Project (P3) that included 558 bridge replacements, the I-64 Design-Build Widening near St. Albans, WV (WVDOH's largest D-B), the Shenandoah River Bridge Design-Build near Charlestown, WV which was the largest steel Delta frame bridge built in the nation, and the Fern Hollow Bridge Replacement Project in Pittsburgh. Jason served as HDR's Constructability reviewer for the Commercial Street Bridge Replacement during design and construction.



**Dr. Sreenivas Alampalli, Ph.D, P.E., MBA, CEO of Alampalli Engineering, PLLC**

Dr. Sreenivas Alampalli, CEO of Alampalli Engineering, PLLC, is a globally recognized leader in infrastructure inspection, evaluation, asset management, and structural health monitoring, with more than 35 years of experience spanning research, public service, and consulting. He retired as Director of the Structures Management Bureau at NYSDOT, where he oversaw one of the nation's largest inspection and asset-management programs and led major technology-integration initiatives that now support more than 3,000 users statewide. After NYSDOT, he served as a Senior Principal at Stantec, managing major projects including the inspection of the Governor Mario M. Cuomo Bridge and structural monitoring and asset-management efforts for agencies such as CT DOT, MTA Bridges and Tunnels, and Halifax Harbour Bridges. Dr. Alampalli holds a PhD and MBA from Rensselaer Polytechnic Institute and degrees from IIT Kharagpur and Sri Venkateswara University. A Fellow of SCSHM/ISHMII and ASNT and a Distinguished Member of ASCE, he has received numerous honors, including the ASCE OPAL Award, the Aftab Mufti Lifetime Achievement Award, the ASNT Bridge NDT Lifetime Service Award, and the ASCE Henry L. Michel Award for Industry Advancement of Research.



**Young moo Sohn, Ph.D., Professor at Central Connecticut State University**

Dr. Young Moo Sohn is a Professor of Civil Engineering at Central Connecticut State University (CCSU). He earned his Ph.D. in Structural Engineering from Purdue University. His research focuses on heat straightening repair and rehabilitation of steel bridges, steel–concrete composite structures, and nuclear power plant structural systems. He has led several research projects in collaboration with the Connecticut Department of Transportation (CTDOT), including the development of heat straightening repair guidelines and their successful application in the field.

Before joining CCSU in 2014, he worked as a bridge design engineer, specializing in various bridge systems, including suspension bridges, cable-stayed bridges, and steel box girder bridges. He is also actively involved in engineering education, mentoring students through hands-on structural engineering and community-based bridge construction projects.



**William Hughes, Ph.D., P.E., Natural Catastrophe Specialist / Associate Research Scientist at Swiss Re**

William Hughes is a natural catastrophe vulnerability modeler at Swiss Re. He holds a Doctor of Philosophy from the University of Connecticut and a professional engineering license in the state of Maryland, as well as affiliations with the National Institute of Standards and Technology and Johns Hopkins University. His work focuses on modeling the impacts of natural disasters—including tornadoes, hurricanes, flooding, and fire—on the natural and built environment, including buildings, bridges, power and transportation systems, and vegetation. His research sits at the intersection of structural engineering and fields such as economics, data science, GIS, meteorology, and social sciences. By combining physics-based structural modeling with data-driven approaches, he seeks to inform risk, resilience, and mitigation decisions at both the individual structural level and broader community and portfolio scales. His work has resulted in more than 20 peer-reviewed journal and conference publications, presentations at conferences and seminars, and a patented methodology for resilience assessment of infrastructure systems.



**Adam Evans, P.E., Senior Associate at Wiss, Janney, Elstner Associates, Inc.**

Adam Evans has extensive experience with the repair and maintenance of the aging built environment. He has investigated, evaluated, and designed repairs for concrete, steel, wood, and masonry structures of many types, including residential, commercial, and industrial buildings as well as transportation structures. Mr. Evans is also experienced in the use of industrial rope access to perform condition assessments and inspections.