



The Structural Engineers Association of Massachusetts SEAMASS Young Members Group (YMG) 2022-2023

Overview & Biographies of Officers & Committee Leaders

The SEAMASS Young Members Group (YMG) supports recent structural engineering graduates with their transition between school and career, as well as local young Engineers in Training and newly-licensed Professional Engineers who currently practice structural engineering or are interested in learning more about the structural industry.

The YMG provides a platform for young engineers to exchange and share technical information, to network in a community environment, to enhance structural knowledge through design seminars and construction site- visits, and to develop leadership and management skills by being part of the YMG team. The YMG can provide mutual benefits for local firms as well as young engineers, so company leaders are asked to encourage their firms' young engineers to become actively involved.



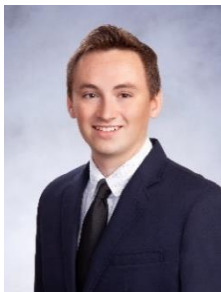
Orion Paul, PE | President

Orion is a project engineer at L.A. Fuess Partners in Boston with over five years of experience. He graduated from Northeastern University in 2017 with a B.S. and M.S. in Civil Engineering with a concentration in structures. During his time at L.A. Fuess, he has worked on the design and retrofit of new and existing buildings across the country. He has been involved with the SEAMASS YMG since 2019.



Christine McLaughlin, PE | Vice President

Christine is a structural bridge engineer at HNTB in Boston, Massachusetts with more than five years of experience in bridge design, rating and inspection. She earned her B.S. in Civil and Environmental Engineering from Northeastern University with a Structural concentration. Most of her work is focused on the structural design of bridges in the Metro Boston area, but she is also involved in inspections of complex bridges and bridge rating reports. She is involved in several engineering societies and is supportive of outreach to young engineers and students interested in engineering.



Clay Harman | Vice President / Student Liaison

Clay is an engineer in the Boston office of Wiss, Janney, Elstner. He graduated from Wentworth Institute of Technology with a B.S. in 2018, then received an MS in structural engineering from the University of California, Berkeley in 2019. The majority of his work is in historic preservation, investigation and repair of existing structures.



Kyle Karschner, PE | Finance Coordinator

Kyle is a licensed Structural Engineer with over ten years of experience designing new and analyzing existing building structures of all material types. He has worked on a range of projects with architect clients including low-rise and mid-rise healthcare, education, life science, and government buildings. He also has experience in precast concrete piece design, building envelope structural support, and adaptive reuse of historic structures. He currently works for Simpson Gumpertz & Heger (SGH) in Waltham, MA. Kyle holds both a B.S. and M.S. from The Pennsylvania State University in Civil Engineering with a structural concentration.



Eric Ohanian, PE | Volunteer/Outreach Coordinator

Eric is a project manager at Tighe & Bond with 10 years of experience on bridge projects. He earned his B.S. and M.E. degrees in Civil Engineering from the University of New Hampshire. Prior to moving to Massachusetts and joining SEAMASS in 2017, he was active with the Structural Engineers of New Hampshire and helped form the SENH YMG.



Shrenik Bora | Digital Media Coordinator

Shrenik is a Project Engineer at H+O Structural Engineers in Boston, with more than two years of professional and research experience. Most of his work is focused on the design of residential, commercial, and industrial projects. He graduated from Oregon State University with Dual Masters in Civil Engineering (Structures) and Wood Science. He is originally from India and gained a year of design experience there before attending graduate school in the US. His research experience focused on cross-laminated timber and he is excited about the growth in mass timber structures. In the future he hopes to revolutionize the structural design industry through advancing BIM and design automation workflows and to reduce the carbon footprint of structures through sustainable design.



Jerson Olano, PE | Event Coordinator

Jerson is a senior structural engineer at Veitas and Veitas Engineers in Braintree, MA with more than six years of experience. His projects mostly focus on mid and high-rise residential podium structures that consist of wood upper structures supported by a concrete or steel structure. His alma mater is Universidad de Los Andes (Merida, Venezuela) where he earned a degree in Civil Engineering. He is interested in developing innovative events within our new normal.



James Gayle | Event Coordinator

James is a structural engineer at L.A. Fuess Partners in Boston, MA with more than four years of experience. He earned both his B.S. and M.E. in Civil Engineering from Texas A&M University in College Station, TX, with a focus in structural engineering. James has worked on a broad set of projects, including residential, entertainment, commercial, and religious facilities across the country. His first few years in Massachusetts have been a rewarding experience and he looks forward to the new opportunities in the years to come.



Wesley Lau | Event Coordinator

Wesley is a structural engineer at LIM Consultants in Malden, Massachusetts. His interdisciplinary background combines technical expertise with practical experience in construction and project management. He has over five years of diverse experience ranging from new high rise design, to seismic retrofits, to rehabilitating damaged structures. He holds a B.S. in Civil Engineering and B.S. in Mechanical Engineering from MIT, as well as an M.S. in Structural Engineering from Stanford University.



Brandon Lathe | YMG Support Committee

Brandon is an engineer at Wiss, Janney, Elstner's Boston office who graduated from the University of Connecticut in 2021 with a B.S. in Civil Engineering. Since joining WJE in the summer of 2021, he has primarily worked on the investigation and repair of both structural and building enclosure components of existing buildings in the Boston area. Brandon looks forward to achieving his PE license and becoming more well-rounded in the world of engineering.



Brendan Shannon, PE | YMG Support Committee

Brendan is a licensed Structural Engineer at Simpson Gumpertz & Heger (SGH) in Waltham, MA with over eight years of experience. He graduated from Northeastern University in 2014 with a B.S. and M.S. in Civil Engineering with a concentration in Structural Engineering. His work focuses on structural analysis and design for both new construction and renovation of low and mid-rise healthcare, education, and government buildings. He also has experience in building envelope design consulting, field investigation, and litigation support.



Bender Singh | YMG Support Committee

Bender is a structural engineer at CannonDesign in Boston with over four years of experience. He graduated from the University of California, Irvine with his B.S. and M.S. in Civil Engineering with a specialization in structural engineering. Bender has worked on a wide variety of projects consisting of high end custom homes, hospital and school buildings, university dormitories, parking structures, commercial centers, and theme parks.



Dylan Quinn, PE, SE | YMG Past President (2021-2022)

Dylan is a Structural Engineer working in Massachusetts. He's a graduate of Rensselaer Polytechnic Institute and also spent a semester abroad at the Technical University of Denmark. Dylan enjoys working closely with Architects and other team members to develop elegant and efficient structural solutions. He is also interested in helping students learn more about the profession of Structural Engineering and volunteers with the ACE Mentor Program of the Greater Boston Area.



Chelsea Hoplin, PE | YMG Past President (2019-2021)

Chelsea is a geo-structural engineer at GEI Consultants in Woburn, Massachusetts with seven years of experience in subsurface structures. Born and raised in Minnesota, she earned her B.S. and M.S. in Civil Engineering from the University of Minnesota Duluth with Structural and Geotechnical concentrations. Most of her work is focused on structural design of infrastructure related projects working for both contractors and owners.



Brian Post, PE | YMG Past President (2018-2019)

Brian is a structural engineer at Tighe & Bond in Westwood. He earned his B.S. degree in Civil Engineering from the University of Massachusetts Amherst and MS degree in Civil Engineering with a concentration in structures from Johns Hopkins University. A Massachusetts native, he spent two years in Georgia working in cold-formed steel design before relocating back to the Boston area in 2015. He has experience with projects involving new construction and renovations of existing structures for a variety of commercial, institutional, industrial, and government clients.



Robert Kane, PE | YMG Past President (2016-2018)

Rob is an architecturally passionate structural engineer with eight years of experience in building design and inspection. He currently works as a Project Manager at McNamara · Salvia Structural Engineers in Boston, Massachusetts where he specializes in the design of high-rise residential and commercial towers, professional sports arenas, and academic facilities. Rob attended The University of Massachusetts Amherst, where he earned his B.S. and M.S. degrees in Civil Engineering with a concentration in Structural Engineering and Mechanics.