

Cassandra K. Moody. M.S., P.E.

Achievements

Cassandra has been passionately ensuring the integrity of pipeline and facility assets throughout her thirteen-year-long career. Mrs. Moody earned dual bachelor of science degrees in Biochemistry and Genetics from Texas A&M University and a master of science degree in environmental engineering from the University of Houston before joining the energy industry. She maintains her active professional engineering certification in the mechanical engineering discipline, an accreditation she earned while eight months pregnant. Mrs. Moody began her career in the alternative energy space before discovering her passion for protecting the public and environment around pipelines safely and economically.

For eight years, Mrs. Moody worked for an American midstream company serving in various capacities. She learned about safe midstream operations as an operations engineer, found in the ditch measuring defects or managing projects across various regions in Texas and Louisiana. As the young, technology-savvy engineer on the team, she became the point person for pipeline inspections and assessments, leveraging technology and data to drive decision-making. Those responsibilities morphed into an Integrity Management Program Engineer role, where Mrs. Moody was responsible for building and leading a team to enhance and maintain the hazardous liquid and natural gas pipeline integrity management programs for the company in a fiscally efficient and compliant manner. Mrs. Moody evaluated and implemented a risk assessment and management program to grow with the company's nimble and changing needs with consideration of concurrent data unifying initiatives. Mrs. Moody supported various audits, expansions, and acquisitions during her time with this operator.

With a desire to serve more than one pipeline operator, to drive meaningful change across the pipeline industry, a passion for encouraging women, and a desire to equip the next generation of engineers, Mrs. Moody established her own engineering consultancy firm in 2019. In its fourth year of operation, Time For Change, LLC. has served service providers, the public, the government, legal counsel, and pipeline operators internationally. With the tagline of "Safeguarding ROI: Return On *INTEGRITY*," Mrs. Moody and her certified women-owned small business provide engineering expertise and support to meet their client's needs. During one notable project, Mrs. Moody was the technical lead responsible for completing an integrity program procedure consolidation initiative comprising over three hundred procedures, a technical team of eighteen seasoned professionals, and over thirty stakeholders on time and on budget. Since 2021, Mrs. Moody has been nominated and confirmed as a technical committee member for the National Academies of Science study for the Transportation Research Board to provide guidance on the criteria for installing remote-controlled or automatic shut-down valves for existing pipelines in high-consequence areas to the Pipeline and Hazardous Materials Association (PHMSA).

Industry contribution and innovation

Mrs. Moody's contribution to the industry is two-fold: with an ingrained eye for economic optimization and a passion for helping the next generation, she aims daily to be the rising tide that lifts all the boats. Mrs. Moody has delivered innovative ideas to drive value while maintaining the integrity of

the individual assets she assesses through projects with her board client base through her unique ROI: Return On INTEGRITY approach. While many executives see integrity projects as major capital endeavors, Mrs. Moody shifts the perspective to operational-life-extending activities while considering alternative solutions based on sound engineering judgment. Mrs. Moody is a co-author of a paper and presentation as part of the PPIM 2023 conference proceedings on this very topic.

Mrs. Moody has been involved with Young Pipeline Professionals (YPP) since its inception serving as secretary in the organization's early years. She continues to participate in YPP events, including active service on behalf of YPP to the Interstate Natural Gas Association of America (INGAA) committee on diversity and inclusion.

Leadership qualities

Mrs. Moody is a skilled technical project lead. She draws on effective communication, strong planning abilities, and foresight to anticipate changes to be a strong leader on projects, in organizations, and within the industry.

Mrs. Moody believes strongly in the value young professionals add to the industry, so much so that she prioritized an intern program within her company. Most recently, six college students spanning civil, mechanical, electrical, and chemical engineering disciplines, as well as change management and economic disciplines, completed the always-improving intern program this summer. Drawing on her leadership to interns while working at her previous employer, Mrs. Moody has been forging her young professional outreach influence for thirteen years. She provides guided, technical project exposure and practical professional skills to each individual who completes her program, typically spanning eight weeks between academic semesters.

Within the industry, Mrs. Moody has held various leadership roles within organizations, including YPP, INGAA, Society of Women Engineers, Women's Business Enterprise Alliance, and Aggie Mentors. Beyond pipelines, Mrs. Moody is a mom to two future engineers and serves her community of Cypress, Texas, through her local church whenever possible. It would be an honor for Mrs. Moody to be selected for the Young Achievement Award.