



February 2, 2026

Honeywell and Evans Consoles recently teamed up with Texas A&M University-Corpus Christi (TAMU-CC) to kick off a PHMSA (USDOT) funded project on human-centered HMI protocol development for pipeline control rooms. Honeywell and Evans are supporting the project by advising and providing, respectively, simulation and training software and control room furniture. The TAMU-CC team is led by Dr. Jangwoon Park (PI), Dr. Stuart Behie (co-PI), and Dr. Hongwei Hsiao (co-PI), with support from Tom Kalb, Director of the Coastal Bend Midstream Program.

The university has allocated space (30 ft × 20 ft) in the Engineering Lab (EL) building where a lookalike control room will be constructed with assistance and products from Honeywell and Evans Consoles. Dr. Park's team plans to update PHMSA recommendations for midstream control room human-machine interface design and ultimately enable TAMU-CC to provide student and workforce simulation and training in midstream and petrochemical control room environments.

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Dr Park, M Abaskhron, I Garcia, Dr Behie, T Kalb



Back: Dr Behie, T Kalb, Dr Park, I Garcia, E Romo
Front: M Abaskhron

Dr. Park commented, “Our goal is to establish TAMU-CC as a hub for human-centered control room research and training in the midstream and petrochemical sectors. This collaboration with Honeywell and Evans Consoles enables us to translate federally funded research into practical design guidance, simulation-based training, and workforce development that directly benefit industry and the next generation of engineers.”

Chris Jones, president of CCC at Honeywell, said, “Honeywell is excited to partner and invest both with Texas A&M and the geography of Corpus Christi in this area. We see the Corpus Christi area as a hub for growth in the midstream industry, and we need a workforce with experience in systems like this. Additionally, the involvement with PHMSA on this project can help drive improved safety and operator effectiveness across many industries.”

Sean Way, process control key account manager at Evans, commented, “Evans is honored to collaborate with Honeywell and Texas A&M University-Corpus Christi as they build a simulation lab that prepares students for the real world. The Evans and Honeywell Experience Centers demonstrate what’s possible when technology, design, and human-centered engineering come together.”

Honeywell is a global technology and manufacturing company focused on aerospace systems, industrial automation, energy solutions, and advanced materials.

Evans Consoles designs and manufactures high-performance control room consoles and ergonomic workstations for mission-critical operations across energy, utilities, and transportation.

CBMP is a midstream-focused educational and research program housed in the College of Engineering and Computer Science at TAMU-CC. Learn about CBMP at cbmp.tamucc.edu/.