

 Dr. Helen Lou joined the Midstream Center as Associate Director – Research. Dr. Lou will, in partnership with the Director of the Midstream Center, work to bridge the Center to faculty, develop Midstream Center sponsored academic initiatives, and oversee research grants awarded by the Center.



Dr. Lou is a Professor of Chemical Engineering and a Fellow of American Institute of Chemical Engineers (AlChE). In addition to her rich experience in research, development and education, Dr. Lou was a Board Member of the Gulf Coast Regional Center of Innovation and Commercialization (2009 2015). She is a graduate of Wayne State University where she earned a PhD (Chemical Engineering) and an MA (Computer Science) in 2001.

The Midstream Center hosted its first webinar roundtable. On September 15th, three
 -Commercial, Plains
 All American Pipeline: Aley Chandra, Managing Partner and Director, Muse Stancil & Co.

All American Pipeline; Ajey Chandra, Managing Partner and Director, Muse Stancil & Co.; and Wes Johnson, SVP and Global Manager, CorrPro-Aegion Corporation) joined Thomas Major Issues Facing the Midstream Industry

(https://www.lamar.edu/engineering/midstreamcenter/events.html)

• The Midstream Center hosted its second webinar roundtable. On November 10th, the Center hosted a webinar roundtable Corrosion Issues in the Midstream Industry. We were honored to have three distinguished corrosion industry professionals discuss their views on system integrity issues facing the Midstream Industry Dirk van Oostendorp, Director of Engineering & Technical Services, CorrPro-Aegion Corporation; Dr. Christiane Lederer, Business Development Manager & Refining Corrosion Specialist, Emerson Corrosion and Erosion; and Cody Brinson, Corrosion Technician, Nederland Terminal, Energy Transfer.

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•	Surveyed midstream industry in support of Midstream Center Training Initiatives. A
	questionnaire was sent to approximately 2,500 industry recipients seeking insight on
	capabilities missing from engineering graduates when they start careers. Responses yielded
	very useful information for developing planned undergraduate engineering course
	midstream modules, Midstream Certificate, and a joint faculty/industry instructor course
	series addressing industry identified weaknesses in midstream workforce development.

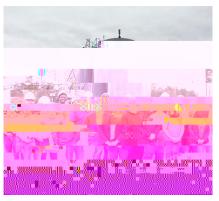
•	Kicked-off development and integration of midstream modules into the existing
	engineering curriculum. Midstream companies hire graduates with different engineering
	degrees and these new hires usually need to go through initial training before they become
	productive. The Midstream Center has sponsored an initiative with faculty to better prepare
	the students for a career in the midstream industry by integrating some of the midstream
	LU
	professors are now signing up to develop course modules on technical issues pertinent to the
	midstream industry and include those modules in their courses. This Midstream Center
	initiative is expected to fund the development and implementation of ten to 16 course
	modules in academic year 2020-2021.

• John W. "Wes" Johnson was named *Profiles in Midstream* Honoree

Wes Johnson is on the Midstream Center's Industry Advisory Board and has assisted us in multiple instances, including being a panelist in our first Midstream Industry

Wes is a Lamar University College of Engineering alumnus with over 20 years in the energy industry (up-, mid-, and down-stream). He is currently the Senior Vice President & Global

 The Midstream Center arranged and led a tour of the West Yellow Creek oil field in Laurel, MS.



LU's Midstream Center arranged a tour of Tellus Operating Group's West Yellow Creek (WYC) Field in Laurel, MS. The purpose of the trip was to expose faculty to upstream and midstream operations involving tertiary oil production and CO2 Enhanced Oil Recovery (EOR) operations with a large gas compression facility. Unexpected downtime of these large machines and resultant loss of production and sales regularly costs industry tens of millions of dollars in lost revenue.

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