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# CCAMS Newsletter

## CCAMS 2012 School Was a Great Success



As you know the CCAMS held its measurement school in February here in Corpus Christi. The turnout for the school was far more than we could have anticipated, and everyone seemed to enjoy the classes and the great exhibit area with all of the new gadgets on display.



There were nearly four hundred people who attended the two-day school in Corpus Christi. The school had over 60 classes that covered many different topics on natural gas and liquid hydrocarbon measurement.



The students who attended were also able to see some of the newest equipment available for hydrocarbon measurement.



The huge explosion of drilling and production in our own back yard has provided some great opportunities for people to get into the measurement field, and our school was able to provide some much needed information to them. We were so pleased with the turnout that we even considered having another school next year. We normally hold our school every other year due to the limited number of potential students in our area. But the new activity in the Eagle Ford Shale area has caused us to re-think that strategy. Along with the classes and exhibit area, the attendees were able

to listen to a very interesting talk about the shale gas phenomenon by **Ed Bowles** of **Southwest Research Institute** in San Antonio. Ed's presentation described how and what shale gas formations are, and how drilling companies are extracting gas and liquid from these newly tapped formations.

Ed also explained how the shale gas boom is affecting domestic gas production and how the future looks with regards to reducing our dependence on foreign oil and gas. It wasn't too many years ago that the US was going to build LNG terminals to import natural gas. Now these same terminals may be exporting LNG's instead of importing it.

The shale gas boom has some challenges associated with it as well. Ed discussed the composition of shale gas, explaining that it is different than conventional natural gas. This fact may lead to some changes in how this gas is handled versus conventional natural gas. There are several entities trying to handle the issues that have been brought up.

Another challenge is the fracking procedures which have been under intense scrutiny from many different sources. Ed described the fracking process to the

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audience and  
discussed  
some of the

concerns raised by environmental groups. The EPA is investigating the process and will undoubtedly provide some answers for the industry.

Overall, if you missed the school and Ed's presentation, then you missed a great event that the CCAMS was proud to have been able to provide for everyone.

We'll let you know if we decide to hold the school again in 2013.

## CCAMS Scholarship Application Available

The CCAMS provides scholarship opportunities for worthy students who are trying to further their education by attending a post-secondary school. The CCAMS distributes scholarship money from proceeds of our measurement school, golf tournaments as well as donations from individuals and vendors who generously give so that these students can concentrate on their school instead of wondering how they are going to pay for it. The CCAMS has given tens of thousands of dollars in scholarships over the past many years it has been in existence.

Due to a snafu on my part the deadline for acceptance has been extended to Aug 27th.

To obtain an electronic copy of the scholarship application, please contact **Jim Lee** at [jim.lee@kochpipeline.com](mailto:jim.lee@kochpipeline.com).

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## Oil Boom Brings Unwanted Problems to Area

The oil boom across South Texas has brought prosperity to many in the form of good paying jobs and lots of opportunities for others who support those working in the oil and gas industry. Unfortunately the oil and gas boom has also brought with it a huge volume of cars and trucks never before seen on the narrow two-lane roads around the area. The increase in vehicles has led to a big increase in traffic accidents and a disproportionate number of traffic deaths on the highways.

An article in the **San Antonio Express-News** states that the number of traffic deaths in 2012 in Karnes County alone is 12 times what it was in 2008 when the oil boom was just beginning. Commercial vehicle traffic accidents are 418 and 1,050 percent higher in LaSalle and McMullen Counties respectively than in 2008.

The traffic accidents and deaths are due partly to the increased traffic volume, but much can be attributed to fatigue of oil field workers and the conditions of the roads and highways which were not built to handle the high volume of traffic now being seen on these roads.

Local and state governments are trying to come up with solutions to reduce the accidents and improve the road conditions as quickly as they can. The DPS has increased their presence in these areas and it seems to have helped.

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The DPS is issuing citations for any violations, which has helped slow the number of accidents according to the article.

There are of course other issues that crop up with the modern “gold rush” such as higher housing costs, if you can even find one. There are problems with the infrastructure of small towns not being able to keep up with the needs of the new residents due to quickness with which the boom has grown.

All in all the boom is great for the economy of the area, but everyone involved needs to understand the unwanted problems that are showing up. The most important thing is to drive safely on these roads so everyone can go home to their families each day. If you are fatigued after a long hot day in the sun, get someone else to drive, or find a cool shady spot to relax a little before heading home. Please be careful out there.



## Pictures from the school in February



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We would like to thank the following for helping make the CCAMS Measurement school a big success. Without these people's help, none of this would have happened.

school to attend, this one is right around the corner.

School Organizer- Jim Lee -Koch Pipeline Co. LP

Exhibits- Lisa James -Cameron Measurement Systems

Treasurer & Registration- Sandra Mooney -Bromley Gas Measurement

Secretary & Registration- Diana Cantu - Measurement Resources

Exhibitor Handler- Chris French -Tech Star

Moral Support- Clay Hammond - Measurement Resources

I would also like to thank Ed Bowles for his great presentation during our luncheon.

You can see Ed again at the **American School of Gas Measurement** in Houston on **September 17-20th**. Ed is the General Chairman of the ASGMT this year. The ASGMT is a measurement school dedicated to natural gas measurement, flow control, pressure regulation etc. If you are looking for another quality



Sandra Mooney and Diana Cantu, CCAMS' Treasurer and Secretary.

Thanks for your hard work at the registration desk!



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## Exhibit Area

