



# PETEX

**TRAINING NEWSLETTER**  
NEWS FOR THE ENERGY INDUSTRY FROM PETROLEUM EXTENSION SERVICE

NO. 482

FALL 2005

*Houston Training Center*

## PETEX Measurement Unit Expands Its Operations

By Greg McCormack

We're pleased to announce that the gas and liquid hydrocarbon measurement courses at PETEX are now under a new, dynamic leader, Peter Kosewicz, and that Jane Williams has joined our measurement instructor pool.

Peter graduated from Marquette University with degrees in both mechanical and electrical engineering. He has spent more than thirty-one years in the petroleum industry in both operational and management assignments, including twenty-five years with Amoco until he retired in 1998 as a Senior Consultant for Measurement for Global Operations. While with Amoco, he was the Chief Engineer – Measurement for the Refining and Marketing-Distribution Business Units and Manager of Measurement for Amoco Pipeline. He also held assignments in various supervisory positions in Operations. He is an acknowledged and highly respected expert in the field of hydrocarbon measurement, having developed standards, policies, and practices in the field; evaluated measurement equipment and systems; and audited practices and records. He has also consulted with and assisted field operations, including pipeline, refining oil movements, tank farms, and marine facilities, and has coordinated measurement activities among refining, pipeline, and marketing. Peter is currently a member of the ISHM General Committee, and he actively participates and chairs a number of important committees in professional organizations including API, joint API/ASTM, joint API/NIST, and ISO. At PETEX, Peter is responsible for all measurement course structure and content and for assigning and evaluating course instructors.

Jane comes to us with degrees in both mechanical and biomedical engineering from the University of Texas at Arlington and the University of Texas Health Science Center at Dallas. She has a distinguished career of over twenty-five years with Sun and Oryx, where she worked in offshore facilities design and modifications and held mechanical engineering positions. She also served as Sun's and Oryx's Chief Measurement Engineer for twenty years.

Like Peter, Jane is an important contributing member of major professional measurement organizations, such as API COPM, API COGFM (Chairperson-past), API COLM, and API COMQ. She also serves as the chairperson for the Allocation Working Group. She has published extensively in *Oil and Gas Journal* and *American Pipeline Reporter*. In addition to teaching for PETEX, she's taught at ISHM and the American Measurement School. She's rapidly becoming one of our most popular instructors.

The first task Peter and Jane have taken on is to revise the content in the following courses:

1. Natural Gas Measurement (Fundamentals)
2. Natural Gas Measurement (Applications/Design/Inspection)
3. Natural Gas Measurement (Quality)
4. Natural Gas Measurement (Electronic Flow Measurement)
5. Basic Petroleum Measurement
6. Advanced Petroleum Measurement
7. Mass Measurement of Hydrocarbon Fluids

Look for coming announcements on the 2006 Schedule for these courses at the Houston Training Center. We also take these courses "on the road" to allow companies the opportunity to train a number of their staff at one time. If you have interest in making arrangements for on-site training, please contact Peter at 281-443-7144.



Peter Kosewicz



Jane Williams





**A MESSAGE FROM THE DIRECTOR**

*Over My Shoulder*

We're closing in on the end of another year, Friends, time for looking back and reviewing where we've hit the

target and where we've been more or less off-center.

Let me begin by saying that it's been a really good year for us. Sales of our publications have skyrocketed, and our training enrollments are higher than they've been in years.

Ok, ok. I know that the price of oil has a lot to do with our success—it's a good time to be in the oil and gas business!—but a sustained period of \$60+-per-barrel oil isn't the only thing that drove our sales and enrollments. We've also worked hard to target Five Goals that we believe are essential to our continued success, and I think you'll agree that we've done a pretty darned good job in achieving them.

*Goal 1: Build an effective, efficient, happy team.*

**Done:** We've hired 70% percent of the entire staff in the last two years, including 100% of the staff in the Houston Training Center. Trying to get optimal workflow out of so many new folks is often difficult, but in our case we seem to gain more momentum with each new hire. I attribute this to our interview teams, who demand that successful candidates demonstrate the same qualities they have, including knowledge, experience, customer focus, and passion.

**Still to do:** Make sure our staff remains effective, efficient, and happy! We also have a few more hires to make. Right now, we're looking for another Training Coordinator in our Houston office to focus on basic electronic theory and fundamentals; instruments and controls, including SCADA and PLCs; and rotating equipment, including drivers and compressors. If you know someone, please send him or her my way ASAP!

*Goal 2: Increase awareness and support throughout the industry.*

**Done:** The major kick-off for this goal was the appointment of the PETEX Advisory Board, an impressive group of gentlemen who are helpful and supportive not only through the formal efforts of the Board, but also informally and personally. Many of them teach our courses. Recently, Board Member Rick Bobigian of Blackpool Energy, who also teaches in the Introduction to Offshore Operations course, helped us initiate our 2006 Capital Campaign with a check for \$8,000 to pay for an upgrade for our Internet service at the Houston

Training Center. We also recently added a new Board member, Bob Tippee, editor of *Oil & Gas Journal*.

**Still to do:** Another objective in this goal is to listen and learn from the industry, which I wrote about in the summer newsletter. We've worked hard on this in the last few months, meeting with customers and potential customers not only in Houston, but in Midland and Odessa, London, Paris, and Calgary, sometimes in focus group settings and in personal, one-on-one meetings. Still, we have a long way to go.

*Goal 3: Revise and enhance current courses and create new courses.*

**Done:** We've done a substantial amount of work toward enhancing our current courses, including working with Curriculum Advisory Teams from the industry to help us review and update them. We also revised our current Level I (satisfaction) evaluations and added Level II (end-of-course) evaluations. And we've enhanced our instructor evaluations and moved all presentations to a PETEX Powerpoint format. Finally, we've added two new courses, "Oil and Gas Fundamentals for Accountants" and "Oil and Gas Fundamentals for Insurance Personnel."

**Still to do:** This goal is one that can never be fully achieved, because good curriculum development is a recursive process. We acknowledge that the more we revise and enhance, the more we have to revise and enhance.

*Goal 4: Update/add new publications.*

**Done:** We currently have several books in the hands of writers and expect to publish them in 2006. We've also established a process for updating/revising/adding other publications to coincide with course curriculum enhancements.

**Still to do:** We're always looking for good technical writers and subject-matter experts. If you know someone, please send a name and contact information to Julia Ruggeri, PETEX publications coordinator. (Julia's e-mail address is jruggeri@mail.utexas.edu)

*Goal 5: Restore/enhance facilities.*

**Done:** If you haven't been to the PETEX Training Center in Houston in awhile, you'll be *shocked* at how great it looks! We've also begun work on the Training Center HVAC system (it's the original, installed in 1978).

**Still to do:** We still need to upgrade the A/V equipment, equip the measurement lab with new meters, upgrade the classroom furniture to more ergonomic designs, and replace the carpet and the ceilings in the classrooms to enhance acoustics. Thus, they've become the focus of the PETEX 2006 Capital Campaign, about which you'll hear a lot more in the Winter Newsletter!



Notes from Greg McCormack, Marketing Director

ALUMNI CORNER

I continue to be reminded of the scope of our work here at PETEX. Last summer, Susan Toalson and I had the opportunity to chat with several PETEX former students in Houston at a luncheon given by PASH (Petroleum Accounting Society of Houston).

In September, Susan and I traveled to London to meet with some of our insurance company partners, and we were thrilled to run into several graduates of “The Rig School” (Introduction to Offshore Operations). Both Jack Smart (JLT) and James Williams (AEON) were very complimentary not only of the course content and instructors but also of the care they received from Rosie and Monica in the Houston Training Center. Another recent alumnus, Daniel Walsh (Axis Capital), was also complimentary of the course and very grateful that he had been able to attend. By the way, while we were in London, Richard Seffens took Susan and me on a tour of Lloyd’s, which is right down the street from his offices at Newman Martin and Buchan Ltd. What a gorgeous,

ultramodern building, a far cry from the modest coffeehouse I understand was its original home. Curiously, I noticed that coffee evidently continues its role in the Lloyd’s tradition, as it appeared to be the fuel of choice of all those Lloydites working feverishly to determine the effects of Miss Katrina’s wrath. (Rita had yet to make her appearance.) Thought you guys drank tea over there.

Anyway, in addition to our very fine students from the UK, we had eight students from AAA Seguros in Angola attend both the Petroleum Fundamentals course and the Introduction to

Offshore Operations course this year. Eliecio Van Dunem Narciso (AAA Seguros) told us that the courses were “career-enhancing experiences” for him. This kind of comment is music to our ears!

And back in the good old USA, I have been fortunate to have developed a personal friendship with Mike Hails and Dean Speer (Williams Pipeline in Oregon), both of whom attended the Instruments and Controls course and the Engines and Compressors course. I surely hope to see them back in Houston for another course soon!



AAA Seguros, left to right, front row: Katila Machado, Patricia Silva, Boniswa Zav Contreiras, Tania Frutuoso, Yolanda Paiva De Castro. Second row: Eliecio Van Dunem Narciso, Nair Lassaete Dos Santos Caiate, Evelise Diaz.

PETEX Advisory Board

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**Julia Ruggeri**  
**Debbie Caples**  
 Contributor: **Susan Toalson**

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# Training Schedule

School	CEUs	Length	Dates*	Tuition*
Advanced Petroleum Measurement	3.3	4½ days	April 24–28, '06	\$1,250
Basic Petroleum Measurement	3.3	4½ days	April 17–21, '06	\$1,250
Elementary Drilling	3.1	4½ days	March 6–10, '06	\$1,250
Hydraulics for Pipeline Engineers	3.3	4½ days	March 13–17, '06	\$1,250
Hydraulics for Pipeline Operators	2	2½ days	April 18–20, '06	\$900
Introduction to Offshore Operations	3.3 (32 CPEs)	4½ days	April 3–7, '06	\$1,350
Mass Measurement	3.3	4½ days	April 3–7, '06	\$1,250
Petroleum Fundamentals	3.3 (32 CPEs)	4½ days	March 13–17, '06	\$1,250
Pipeline Technology	10.2	14½ days	January 23–February 10, '06	\$3,500
Design	3.5	5 days	January 23–27, '06	\$1,250
Operations	3.5	5 days	January 30–February 3, '06	\$1,250
Maintenance	3.2	4½ days	February 6–10, '06	\$1,250
Production Technology	6.9	9½ days	February 27–March 10, '06	\$2,400
Subsurface	3.5	5 days	February 27–March 3, '06	\$1,250
Surface	3.4	4½ days	March 6–10, '06	\$1,250

For more information about course schedules and availability, please call the Houston Training Center at 800-687-7052 or 281-443-7144. Or email [petexhtc@www.utexas.edu](mailto:petexhtc@www.utexas.edu). All courses are held in Houston, Texas unless otherwise noted.

\*All prices and dates are subject to change without notice.

*When notifying PETEX of a change in address, please enclose current mailing label.*

**UT4U2** News For The Energy Industry From The University of Texas

THE UNIVERSITY OF TEXAS  
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PETROLEUM EXTENSION SERVICE (PETEX)  
1 University Station, R8100  
Austin, TX 78712-1100  
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