During Paul Weimer’s term as AAPG President (July 2011- June 2012), he plans to offer a 1/2 day short course (free-of-charge) for students/young professionals around the world. The title of the short course is:

“THE PETROLEUM INDUSTRY IN THE NEXT DECADE: AN OVERVIEW TO THE SCIENCE, TECHNOLOGY AND AAPG.”

The purpose of the short course is to give students a strong sense of the spectacular technology with which we work, the future of their profession, and what they can expect in their careers. He is happy for people who work for companies to attend this short course, with the understanding that the students are the first priority.

Themes of the short course for the future of our industry:

1. Rejuvenation of old fields: conventional (and now unconventional) accumulations
2. Frontier exploration in conventional accumulations
3. Unconventional resources: tight gas sandstones, BCGA
4. The future: assumptions (supply, demand), technology (seismic, how we interpret), more on unconventional resources, why belong to AAPG

The short course will consist of three 50-minute exercises/lectures (3-D interpretation, wireline logs). For each exercise, he will give the students some materials to interpret (e.g. seismic profiles, well logs). He will walk through the interpretation of the exercise with them (15-20 minutes), and then give 20-30 minute summary exercise. His experience is that students ALWAYS respond far more positively to lectures if they can interpret data before hearing the lecture, i.e. make them observe, interpret, and understand the significance of the each concept/lecture. They can also leave the short course with all of the materials.
Exercises

1. Rejuvenation of old fields: 3D seismic interpretation from a meteorite impact field (the seismic is stunning, and the interpretation is quite challenging). (Paper will be submitted to the AAPG Bulletin in mid 2011).

2. Frontier exploration in conventional accumulations: identification of deepwater fields in the northern Gulf of Mexico (this will be published in a special issue of the AAPG Bulletin in 2011).

3. Unconventional resources: tight gas sandstones, BCGA: A wireline log exercise from a basin-centered gas accumulation (Piceance Basin) to demonstrate the concepts. These accumulations are counter-intuitive to most students, and this exercise will nicely illustrate it, i. e. get them to think differently. (This will be published in a special issue of the AAPG Bulletin in 2012/2013).

The final lecture will be a look forward (i. e. AAPG in 2035)-- where is our industry headed, how can you expect to work (e. g. evolving interpretation technologies, evolving drilling and completion techniques, new play concepts), where will they work, and, most importantly, why it is critical that they join AAPG and stay a member throughout their career.

Historically, AAPG Presidents give 1-hour talks that may/may not have much impact with young geoscientists. Based on Paul Weimer's personal experience, he believes that this approach of offering a 1/2 day course with real exercises and interpretation has a better chance for a lasting positive effect.

He provide digital copies of the exercises. He is not asking for remuneration for the lectures, but there will be some minimum reproduction costs for the materials and exercises, and likely some local expenses.

He also wants to meet with the leadership of the regional AAPG and local societies to discuss their question/concerns.

**This lecture program is part of AAPG's longer term goal to strengthen its ties and expand its global membership**