***Detlef Hallermann***

Detlef Hallermann is an Associate Clinical Professor and Director for the Reliant Energy Trade Center at Texas A&M University. Dr. Hallermann has created and directs the Trading, Risk & Investments Program (TRIP) for Texas A&M University. TRIP is a integrated BBA/MS Finance program that collaborates with industry in which students participate in multiple markets and investments related internships as part of a B.B.A. / M.S. Finance degree program. As part of his TRIP responsibilities, Dr. Hallermann manages a thirty (30) plus company advisory board.

In addition, Professor Hallermann has been an Adjunct Professor for Rice University involved in their Continuing Education Programs. Dr. Hallermann has created programs related to almost all aspects of front-front and mid-office responsibilities for energy trading. Dr. Hallermann has held faculty positions at the University of Denver and the Colorado School of Mines. Dr. Hallermann has created trading and risk management courses for numerous private entities regarding energy trading including Duke Energy, Nord Bank (Germany) and the Algerian government.

Dr. Hallermann sits on the Market Technician Association Education Foundation Board. He is a Financial Management Association (FMA) and Global Association of Risk Professionals (GARP) member. He authored the first draft of the GARP Energy Risk Management (ERM) Certificate coursework.

Detlef Hallermann has over ten years of practical experience in the energy industry.  He is well versed in oil and gas acquisitions as a petroleum engineer and MBA. Dr. Hallermann has focused the past fifteen years on derivatives, contingent claims analysis, trading and risk management and market behavior in the commodities sector. As part of his doctoral work, Dr. Hallermann created an options based model for valuing political/expropriation risk in the mining sector.

Prior to joining Texas A&M University, Dr. Hallermann performed product development for an energy trading and risk management (ETRM) software company and managed the Quantitative Group at Reliant Energy.  While managing the quantitative group, Dr. Hallermann developed models for pricing credit risk, full-requirements and long-term electricity and natural gas contracts. He also advised the risk management group regarding value-at-risk (VaR) and strategic VaR allocation.

Dr. Hallermann has an M.S. and a Ph.D. from the Colorado School of Mines, an MBA from the University of Denver, and a B.S. in Petroleum Engineering from Texas A&M University (whoop).

**Speaking Topics**

I have developed both single and multi-day programs as well as 30 – 45 minute speeches for more current events. Full day topics include:

* Introduction to Energy Trading (two days)
* Understanding Options (one or two days)
* Physical Energy Markets (two days)
* Credit Risk (one or two days)
* Market Risk Controls (two days)
* Stress Testing (one day)
* Advanced Financial Instruments for the Energy Sector (two days)
* Modeling Power Plants (two days)
* Modeling Natural Gas Assets (two days)
* Exotic Options (one day) (Note: the course material is entirely different than the Understanding Options course)

Thirty to sixty minute speech topics include:

* Price forecasts for (these forecasts include explanation of the physical markets as well as financial markets with color regarding the players driving each market and their expected impacts to each other):
	+ Crude oil
	+ Natural gas
	+ Electricity
* Trends or changes related to the topics listed in the full-day topics
* Hunting Stories (titled “The one that got away”)