

# Events

- > Tuesday 3/17  
Happy St. Patrick's Day!!
- > Wednesday 3/18 5:00p  
China Trip Info Session  
First Year MBA's
- > Wednesday 3/18 5:00p  
SOX Expert Speaker
- > Thursday 3/19 5:00p  
Executive Speaker Series
- > Friday 3/20  
Register for Fall 2009!!
- > Thursday 3/26 5:00p  
Country Forum
- > Friday 3/27  
Steven Verney Case Comp.  
First Year MBA
- > Saturday 5/9  
Graduation!

# The UB MBA Exchange

“ because knowledge is power. ”

## Introducing Kyriakos' Quote of the Week!

KYRIAKOS ZANNIKOS

As David Frasier would say... "Hello Folks!"

Without any respect to the idea that business people ought to have only one hobby; their job, I was always trying to find some time to spend working on my favorite hobby, which is collecting quotes. I actually mentioned this hobby in my résumé under Extra-

curricular Activities for a while, but I did decide to take the generous advice of Melissa Ruggiero and removed this "weird" hobby out of my new and polished one! Although this hobby is no longer in my résumé, I have never stopped looking for inspirational and motivational quotes that would keep my spirit up and running for success in both work and life!

My intention through this new weekly addition to the MBA Exchange newsletter is to share with you some of my most favorite quotes, hoping to inspire and motivate you as we share this invaluable, but also sometimes difficult MBA experience.

Enjoy!

*There are three ingredients in the life: learning, earning and yearning*

- Christopher Morley (1890-1957 – American journalist, novelist, essayist & poet)

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## The Raleigh Story: It's Luminiferous!

RALEIGH LOVE

I recently got into a discussion with a friend of mine regarding a particular theory regarding the nature of the universe. A particular point he was attempting to argue lacked scientific merit, and I proceeded to compare it to the luminiferous aether. He admitted to me that he was unfamiliar with the term. Considering that it was the basis for theories in optical physics for nearly 200 years, I figured a bit of an explanation is in order.

Sir Isaac Newton originally developed the idea of the luminiferous aether when he published a work on optics and the particle theory of light in the early 1700s. His calculations couldn't account for refraction, however, and he attributed the phenomena to the properties of a light bearing, or "luminiferous," aetherial medium through which the light particles would pass.

This was all fine and dandy until a little over a century later. In the early 1800s, the French physicist Augustin Fresnel developed the wave theory of light. Anyone who owns a pair of sunglasses can thank him for identifying that light could be polarized. His calculations were also based on the assertion that there was a perfectly transparent, harder than diamonds but perfectly permeable substance that needed to be present in order for light waves to travel through space. Fresnel also theorized

that massive objects traveling through the aether would produce a measurable drag effect on the medium.

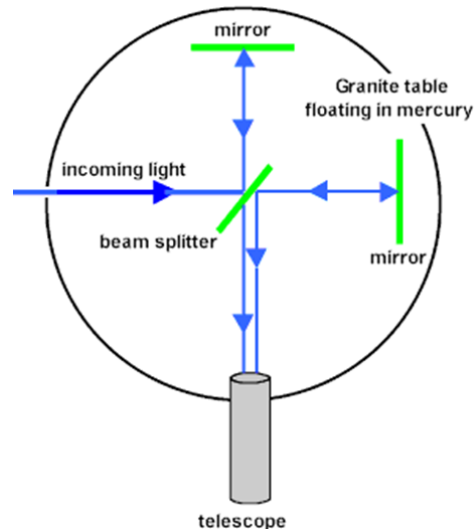
A quarter century later, another French physicist, Armand Frizeau proposed the potential detection of the luminiferous aether with an experiment that shone light through moving water. While a positive result was produced by the moving water, Frizeau and his reviewing peers conveniently overlooked the motion of the earth, for which no result was recorded.

The beginning of the end for the luminiferous aether began in the late 1800s, when Albert Michelson and Edward Morely devised another experiment to measure the aetherial drag by measuring a single beam of light split at a 90 degree angle. This now famous experiment produced a conclusively null result; there was no evidence indicating the presence of the luminiferous aether.

Not willing to let go of such a staple to the scientific community, several scientists of the time including Hendrik Lorentz attempted to produce theories for explaining the initial results. The experiment was repeated a number of times in various conditions, all of them had negative results.

At this time in the early 20th century, a young rascal by the name of Albert Einstein appeared on the scene and began nailing up the coffin of the luminiferous aether with his theory of special relativity. The physicist George Sagnac finally produced a positive result with a rotating version of the apparatus used by Michelson and Morely, but Einstein hammered that one down with his theory of general relativity two years later.

And thus, the theory of the luminiferous aether faded into obscurity. While it is not utterly dead, the theory is considered outdated. Every experiment since Sagnac's (the latest being in 2003) has produced the same negative results. So, until a physicist comes along who is capable of upstaging Einstein, here's to keeping your imagination well fed.



### The man behind the story.



### Hat of the Week



### Derby

Originated in England in 1849

A hard, tight fitting, aerodynamic alternative to the top hat for horse riding.

Also known as a "Billy Coke" for the hat's original wearer or as a "Bowler" for the hat's original maker.

**Dave Anthony. The man with all the answers.**



## Ask Dave

DAVE ANTHONY

Teambuilding I starring Prof. Nick Everest

Thus far I have covered two finance classes that I enjoyed taking last semester. Now, we must also understand that soft skills make up a great part of what your average corporation is looking for in an MBA student. Enter stage left....teambuilding.

This course will entertain your interpersonal side and teach you the right way to work in teams. In your first semester of the MBA pro-

gram, you learned the difference between a group and a team, and after you enroll in Nick Everest's Teambuilding, you will understand how to put these skills to use.

Our class was highly involved in a year end, comprehensive project that helped us to make a difference in someone's life. In our case, it was the lives of professionals and students in the UB community. Prof. Everest is a very easy going professor who allowed for the changing of portions of the curriculum to suit

what the students felt was most important to learn. MGG643 is one class that needs to be taken, and it is being offered next semester.



## THE UB MBA EXCHANGE

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