

DIETARY FATS AND THE BRAIN

WITH DAVID KYLE

Monday, June 7, 2010

7:00 p.m.

Admission is \$5

The story that David Kyle will relate in his June 7 talk at 7:00 p.m., entitled "Dietary Fats and the Brain," may sound like a tale from Star Trek science-fiction, but it is actually an even more fantastic story that began in a NASA laboratory, spawned a successful biotech company and now offers a healthier life for more than 33 million babies worldwide.

In the early 1980s NASA was experimenting with the use of micro-algae as a renewable source of food and oxygen on long duration interplanetary missions. After the completion of that program, a group of scientists formed what later became Martek Biosciences, a leader in micro-algae research and development.

Dr. Kyle discovered an algae which produces high levels of the omega-3 fatty acid DHA. DHA is a building block of the brain and is naturally delivered from a mother to her baby through her breast milk. However, none of the available infant formulae in the 1990s contained this important ingredient.

Martek developed a DHA-oil supplement that is now universally added to infant formulae worldwide. Dr. Kyle's story relates not only the development of this process, but also the battles with the infant formula companies to provide a better product that is critically important for optimal brain development, particularly in low birth weight and premature infants.



Many know omega-3 fatty acid is beneficial to the heart, but it is also critical for infant development, for healthy brains, for both eye development and function, and for proper development of the nervous system. It even has potential to lower risk of diseases including Alzheimer's.

David Kyle, who was inducted in early 2009 into The Space Technology Hall of Fame for his

work in this area, is well suited to explain how this story unfolded, the science behind DHA, and what future potential it holds for everyone from infants to mothers to seniors.



WHEN MAGICIANS GAVE AWAY THEIR SECRETS

WITH MARTY COVINGTON

Monday, June 14, 2010

7:00 p.m.

Admission is \$5

disclose the trick behind an alleged deception. But, twice in the history of magic, once in 1660-1668 and once again during the 1920s and '30s, magicians broke their vows, some quite willingly and others out of desperation.

Marty will delve into the story behind these two experiences and will explain when and why magicians break their vows of silence. He will also explain several of the famous tricks that magicians have given away. For an encore he will teach the audience how to perform these tricks.

The speaker has a distinguished academic career. He holds the Berkeley Presidential Chair in

Like one of his tricks, Marty Covington magically reappears for the charmed third time on June 14, 7:00 p.m. to discuss the topic of magic, a fitting avocation for this UC Berkeley Psychology professor. This time Marty will draw back the curtain and reveal the secrets behind the tricks in his talk "When Magicians Gave Away Their Secrets."

Supposedly magicians take a sacred oath not to reveal how their amazing feats are performed and not to