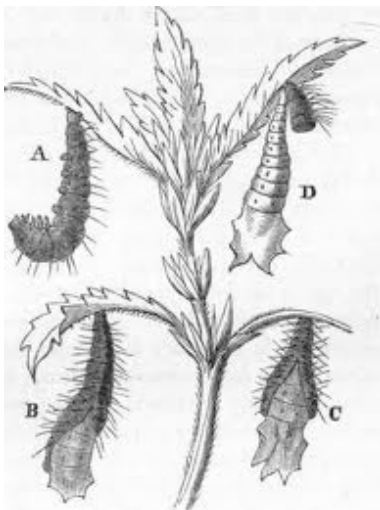


# Phys-Engi-Preneur: The neverending metamorphosis

Giacomo Vacca  
Founder & President, Kinetic River Corp.

Giacomo Vacca earned his B.A. and M.A. in Physics from Harvard University, and his Ph.D. in Applied Physics from Stanford University. His dissertation, with Nobel Prize winner Bob Laughlin, introduced a new ultrafast optical technique for investigating microscopic fluid phenomena. His work experience spans the energy sector, telecommunications, lasers, microfluidics, and medical diagnostics. He has set up whole laboratories from scratch, started and led development programs, generated intellectual property (8 awarded patents, 20 pending), led diverse interdisciplinary groups, managed IP portfolios, and brought products to market. Dr. Vacca invented and developed Laser Rastering, a radically innovative concept in flow cytometry that yielded the fastest flow cytometer in the world. A Senior Member of the Optical Society of America and past Abbott Research Fellow, in 2010 Dr. Vacca founded Kinetic River, a biophotonics design and product development company focusing on cell analysis and in vitro diagnostics.



*“At the age of 8 I decided I wanted to be a scientist. After becoming one, new opportunities and realities became apparent to me—prompting the first of several metamorphoses. The good thing about not being a caterpillar is that you can do it again. The bad thing about not being a caterpillar is that you may have to do it again. Join me in an exploration of life paths, career choices, and professional transformation.”*

MONDAY, NOVEMBER 4, 2013  
5:00-6:30 P.M., WEIGAND ROOM (ARTS &  
SCIENCES BUILDING)