



STEM GUEST SPEAKER SERIES



Friday

February 1, 2019

Center for Student

Success

CSS-217

Reception: 9:30 am

Keynote: 10:00 am

***All students
are welcome
to attend!**

LESLIE ANN WICKMAN, PH.D.

“ROCKET GIRL”

FORMER LOCKHEED MARTIN CORPORATE ASTRONAUT
RESEARCH SCIENTIST, ENGINEERING CONSULTANT, AUTHOR
PROFESSOR OF AEROSPACE—INDUSTRIAL—MECHANICAL
ENGINEERING

GORDON AND JILL BOURNS COLLEGE OF ENGINEERING
CALIFORNIA BAPTIST UNIVERSITY

For more than a decade Wickman was an engineer for Lockheed Martin Missiles & Space, where she worked on NASA's Hubble Space Telescope and International Space Station Programs, receiving commendations from NASA for her contributions and being designated as Lockheed's Corporate Astronaut (hence the nickname "Rocket Girl"!).

Dr. Wickman now divides her time between serving as Executive Director of the American Scientific Affiliation (a non-profit organization promoting the dialog between science and faith), and as a Professor of Aerospace-Industrial-Mechanical Engineering at California Baptist University.

She also works as a research scientist on technical and policy aspects of national aerospace and defense issues. Some of her recent projects include climate change impacts on national security, assessment of future human spaceflight missions and technologies, human factors problems for extreme environments, fighter pilot proficiency training, sustainable agriculture and water reclamation.

Dr. Wickman has lectured around the world on satellite servicing, spaceflight physiology, astronaut training and operations, as well as various topics in astronomy, environmental stewardship, and the interface between science and theology.

Wickman is a dedicated athlete, playing competitive beach doubles volleyball with CBVA & FIVB, as well as both indoor and beach volleyball for Athletes in Action in Bolivia, Brazil, and South Africa. She is now retired from women's professional tackle football, but not before earning All-Conference recognition and helping her team, the California Quake, win the Women's World Bowl.

Another noteworthy achievement is her role with WET Design in R&D and programming for the Bellagio Fountains in Las Vegas.

Wickman holds a master's degree in aeronautical and astronautical engineering and a doctoral degree in human factors and biomechanics, both from Stanford University. She graduated magna cum laude from Willamette University with a bachelor's degree in political science.

Website: <http://www.leslieannwickman.com/>