How is the Gulf of Mexico like a Teapot?

What does a hypersonic vehicle have in common with a playground swing?

Can a broken bone teach us about oceanic plankton blooms?

Seminar Presentation

Wednesday, April 27th, 3:00-4:00 PM, GLRC 202
Reception 4:00-5:00 PM, GLRC 201

Problem Solving with the Tools of COMPLEX DYNAMICAL SYSTEMS

The study of inherently nonlinear natural phenomena has led to the emergence of a new interdisciplinary field known as “nonlinear science.” The tools of which allow for the analysis of complex dynamical systems and, with luck, the reduction of such complex behavior to relatively simple representative system. In this Seminar, Dr. Kuehl will use nonlinear science to answer these questions.

Dr. Joseph Kuehl
Department of Mechanical Engineering
Baylor University

Co-hosted by the Departments of Mathematical Sciences, Physics, Mechanical Engineering - Engineering Mechanics and the Great Lakes Research Center