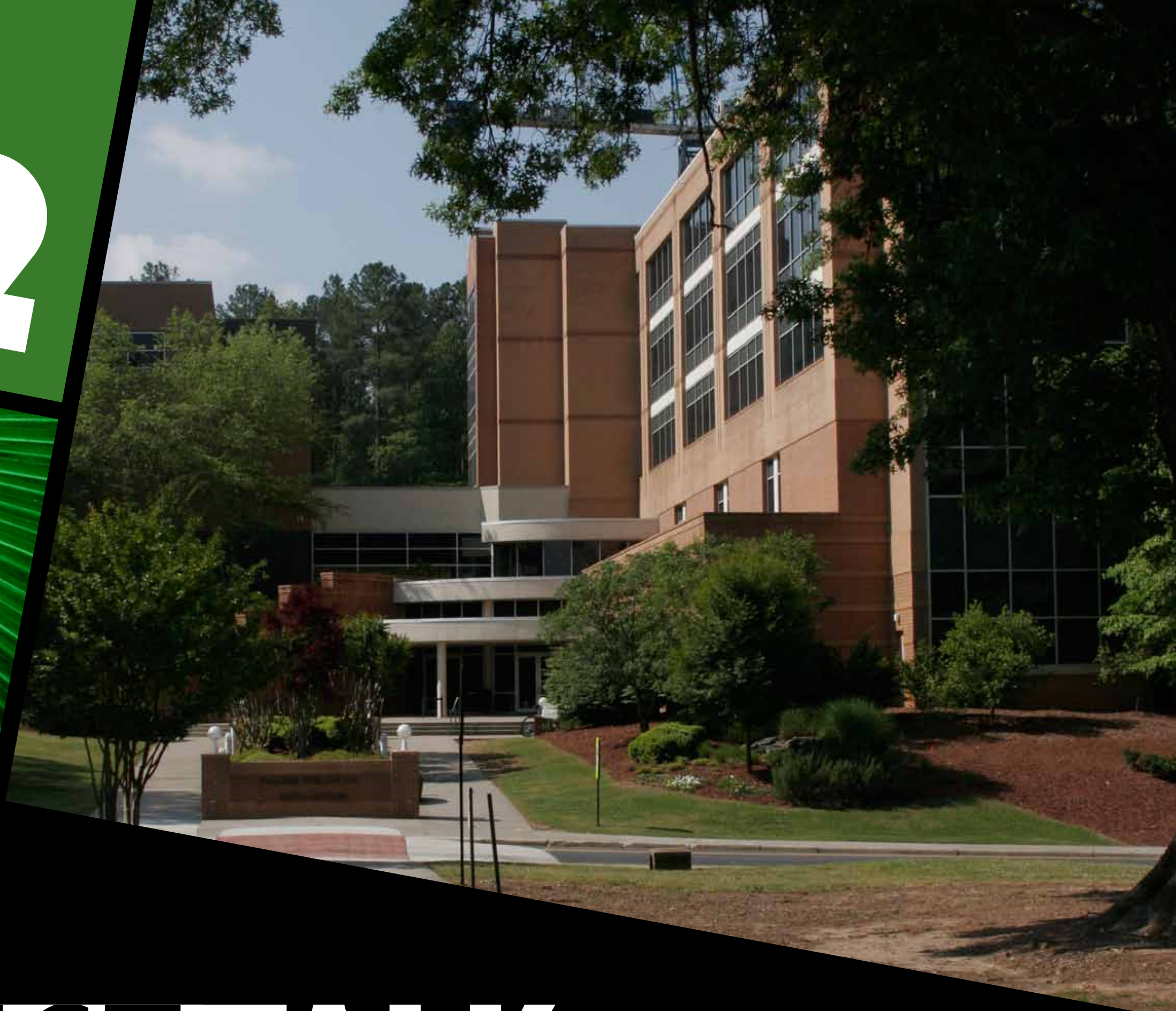


# 2012



# SCIENCETALK

a seminar series

## January 12

*Adaptive Mesh Generation for Spline Approximation and its Applications*  
Dr. Yuliya Babenko  
Department of Mathematics and Statistics

## January 19

*Astrochemistry at Interfaces: Radiation Processing of Icy Surfaces*  
Dr. Heather Abbott-Lyon  
Department Chemistry and Biochemistry

## January 26

*Stem Cells and Regenerative Medicine: How to Make a Brain in a Dish*  
Dr. Martin Hudson  
Department of Biology and Physics

## February 2

*Finding Numerical Patterns in Written Works: The Statistician as a Literary Detective*  
Dr. Jose N. Binongo - Emory University  
Department of Biostatistics & Bioinformatics

## February 9

*Data Mining*  
Dr. Yong Shi  
Department of Computer Science

## February 16

*A Journey From Molecular Location to SERS Detection*  
Dr. Bharat Baruah  
Department Chemistry and Biochemistry

## February 23

*Host-pathogen Interactions of Hantaviruses*  
Dr. Shannon McNulty - Emory University  
Department of Biology and Physics

## March 1

*An Analysis of Student Experiences in an Undergraduate Biostatistics Course: Online vs. Hybrid. vs. Face-to-Face*  
Dr. Darryl Corey  
Department of Mathematics and Statistics

## March 15

*The Total Synthesis of Chemists*  
Dr. Gautam Bhattacharyya - Clemson University  
Department of Chemistry

## March 22

*Grid Computing for a Tiered Free Atlas Cluster*  
Dr. Justin Ross - Southern Methodist University and  
Dr. David Joffe (KSU)  
Department of Biology and Physics

## March 29

*What happens to Water on the Nanoscopic Scale? Measuring structure, Dynamics and Macroscopic Properties on the Nanoscale*  
Dr. Nancy Levinger, Colorado St. University  
Department of Chemistry

## April 5

*Monthly Past, Monthly Present, and Monthly Future*  
Dr. Scott Chapman, editor in chief of American Mathematical Monthly - Department of Mathematics, Sam Houston State University  
Department of Mathematics and Statistics

## April 12

*Brain-Computer Interfaces: A New Direction in Human-Computer Interaction*  
Dr. Adriane B. Randolph - Asst. Prof. of IS & Director of the KSU BrainLab  
Department of Biology and Physics

## April 19

*Peer-to-Peer Programming and social computing in CS Education*  
Dr. Alan Shaw  
Department of Computer Science

## April 26

*Approaches to Implementing Network Security Mechanisms*  
Dr. Victor Clincy  
Department of Computer Science

Every Thursday  
3:30 - 4:45 pm  
Kennesaw State University  
Clendenin Building #1008