Bioinformatics and Computational Biology
Advancing biocomputing to meet human needs

Bioinformatics Colloquium: Spring 2009 Schedule

The Colloquium meets on Tuesdays at 4:30 pm in room 132 of Bull Run Hall, on the Prince William Campus unless otherwise specified. Click here for directions.

Click on the title of the talk to access the abstract.
Click on the speaker name for speaker's web page.

Click here to view the syllabus.

Jan 20  No Class - Inauguration Day
Jan 27  Cancelled due to weather
Feb 3   Intermolecular Interactions induce helix to strand structural transition in Abeta peptides
Feb 10  A Combined Modelling/Experimental Study of Pulsatile Insulin Secretion
Feb 17  Probability Density Methods for Modeling Local Control of Calcium-Induced Calcium Release in Cardiac Myocytes
Feb 24  Transcriptional Control of Heart Failure
Mar 3   Recognition-by-Parts Using Boosting and Transduction
Mar 10  Spring Break
Mar 17  SVetens Biology of Angiogenesis
Mar 24  Mathematical Models of Human Metabolism and Body Weight Regulation

[Links to websites and further details]

http://www.binf.gmu.edu/colloq.html
Mar 31  Superhelical Duplex Destabilization (SIDD) in DNA and its Roles in Regulation
    Craig Benham, The University of California, Davis

Apr 7  Computing Biomolecular Transitions with Dynamic Importance Sampling
    Tom Wood, The Johns Hopkins University

Apr 14 Using comparative analysis for solving biological problems
    Mihaela Pertea, The University of Maryland

Apr 21 Anti-microbial peptides & Francisella: An ancient mechanism of innate immunity
    Monique Van Hoek, George Mason University

Apr 28 Gene Regulation by Small RNAs
    Lakshmi Matakamali, George Mason University

May 5  Research Day
    Class meets 3:00 pm - 6:00 pm

To see a list of previous speakers, please click here.

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