



Events

Current Events

Lectures

- Current Lectures
- Brain Science Speaker Series
- Cybersecurity Lecture Series
- CCT Distinguished Lecture Series
- CCT Tech Talk Series
- **Computational Biology Seminar Series for Undergraduates**
- Computational Mathematics Seminar Series
- Crazy Interdisciplinary Ideas Seminar Series
- Frontiers of Scientific Computing Lecture Series
- Coast to Cosmos Lecture Series
- IT Eminent Lecture Series
- Special Guest Lecture Series
- Other
- All

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Computational Biology Seminar Series for Undergraduates

The primary goal for the seminar series is to increase student awareness of the importance of computational approaches to modern biological research. Traditional biology majors may receive no training in or exposure to computational techniques, yet such skills are fast becoming de facto requirements for many careers in the life sciences. Some secondary goals are to: (1) encourage students to take classes, do research, and seek out online resources that allow them to cross the boundaries between biology and computation, (2) raise awareness of the computational biology research being done at LSU and around Louisiana, (3) encourage students to consider careers in computational biology, and (4) encourage students in computational disciplines to consider careers in computational biological research.

Sponsored by: LSU Department of Biological Sciences and the Center for Computation & Technology.

Hosted by: Drs. Jeremy Brown and Michal Brylinski



[What's Up Doc\(k\)?](#)

Speaker: Jerome Baudry, University of Tennessee, Knoxville
 Life Sciences Building Annex - Room: A101

Apr 23, 2015
 @17:30:00



[A Bayesian Dose-schedule-finding Design for Phase I/II Clinical Trials](#)

Speaker: Beibei Guo, LSU
 Life Sciences Building Annex - Room: A101

Apr 23, 2014
 @17:30:00



[Neuronal Oscillators and Synchronous Gamma \(40 Hz\) Rhythms in the Brain](#)

Speaker: Carmen C. Canavier, School of Medicine LSU Health Sciences Center
 Life Sciences Building Annex - Room: A101

Mar 19, 2014
 @17:30:00



[From Shotguns to Shotgun Sequencing: Natural History Collections Provide "Big Data" for Comparative Genomics](#)

Speaker: Mike Harvey, Louisiana State University
 Life Sciences Building Annex - Room: A101

Feb 19, 2014
 @17:30:00



[Molecular Dynamics Simulation Studies of Surface and Interfacial Phenomena in Biomolecular Systems](#)

Speaker: Dorel Moldovan, Associate Professor
 Life Sciences Annex Auditorium - Room: A101

Jan 22, 2014
 @17:30:00



[We're Not in a Petri-dish Anymore: Pulling Back the Curtain on Microbial Genomics Using Cultivation-independent Techniques](#)

Speaker: Cameron Thrash, LSU
 Life Sciences Building Annex - Room: A101

Dec 02, 2013
 @17:30:00



[Putting Together Genomic Jigsaw Puzzles and Decoding the Messages in a Genome](#)

Speaker: Maheshi Dassanayake, LSU
 Life Sciences Building Annex - Room: A101

Nov 04, 2013
 @17:30:00



[Computational Biology, Drug Discovery and Xbox 360](#)

Speaker: Michal Brylinski, LSU
 Life Sciences Building Annex - Room: A101

Oct 07, 2013
 @17:30:00



[Models, Genomes, and Trees: Computational Inferences of Evolutionary History](#)

Speaker: Jeremy M. Brown, LSU Department of Biological Sciences
 Life Sciences Building Annex - Room: A101

Sep 09, 2013
 @17:30:00

