

January 2014

New Frontiers 2013-14 Brochure

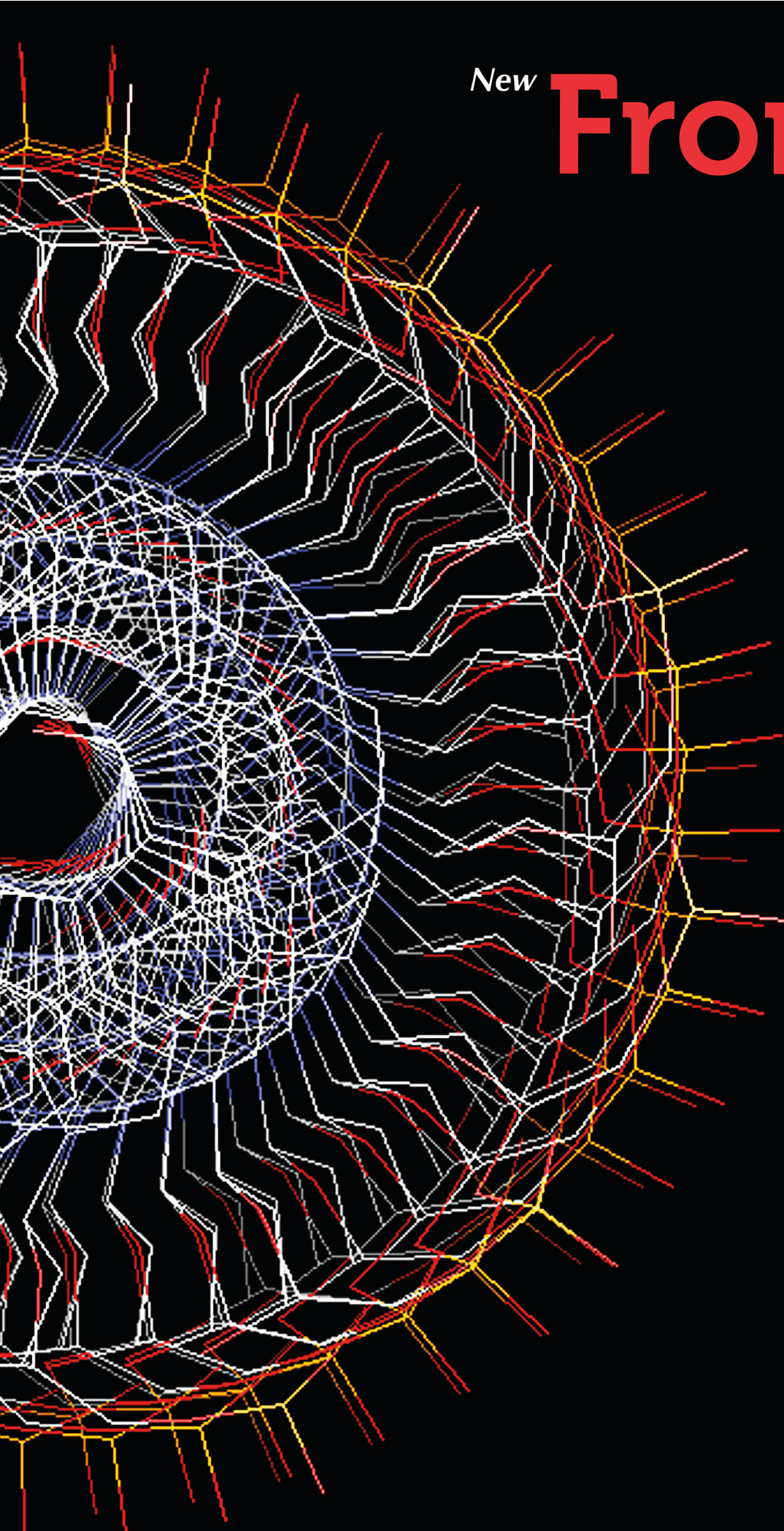
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New **Frontiers**
in Biomedical Research



Louisiana Tech University

New Frontiers in Biomedical Research

Impacts on Health and Society

All seminars will be held at Louisiana Tech University in University Hall beginning at 3:30 p.m. Light refreshments will be served.

Everyday there are advances in technology and new discoveries that expand our knowledge of biology and the treatment of human disease. As a University we are part of that growing body of knowledge. By interacting with leaders in biological research and biomedical engineering we will continue to increase our impact on science.

Please join us in welcoming and learning from nationally recognized academic researchers in our annual seminar series. You will learn about cutting edge research that is changing the way we address problems in biological research, human health, and the tools we use to study them.

SPECIAL LECTURES

In addition, please join us for two special lectures by Dr. Lucio Miele and Dr. Louis Guillette. They will talk about recent advancements in cancer research, prevention, and treatments. These lectures are open to the public and will be held Monday, September 16, and Monday January 27 at the Lincoln Parish Library Events Center at 6 p.m.



Lincoln Health Foundation Lecture
Mechanism-based targeting of Notch signaling in breast cancer
Monday, September 16, 2013
Dr. Lucio Miele
University of Mississippi Medical Center Cancer Institute
Professor of Medicine, Pharmacology, Biochemistry, and
Radiation Oncology



ADVANCEing Women in Science Lecture
It Takes An Integrated Biomechanics Toolbox To Define Injury Thresholds
Monday, October 21, 2013
Dr. Susan Margulies
University of Pennsylvania
Professor of Bioengineering



CBERS Distinguished Lecture
Building Tissue Cues for Islets Regeneration
Monday, November 4, 2013
Dr. Kaiming Ye
SUNY Binghamton
Chair and Professor of Bioengineering



Lincoln Health Foundation Lecture
Environmental Contaminants and Health: New Lessons from Wildlife Sentinels
Monday, January 27, 2014
Dr. Louis Guillette
Medical University of South Carolina
Professor of Obstetrics and Gynecology



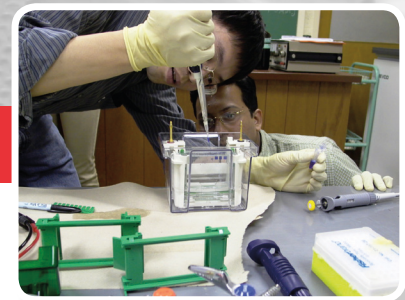
CBERS Distinguished Lecture
High-Performance Brain Controlled Interfaces- Recent Progress
Monday, February 10, 2014
Dr. Andrew Schwartz
University of Pittsburgh
Professor of Neurobiology



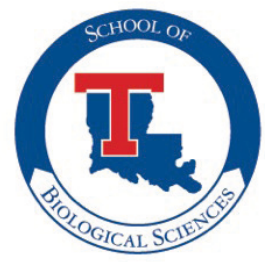
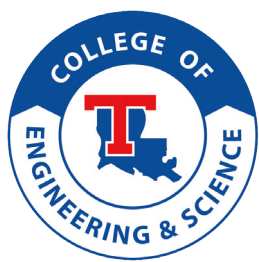
CBERS Distinguished Lecture
Predictive neurotechnologies in national security and defense: Social obligation or Minority Report
Monday, March 17, 2014
Dr. James Giordano
Center for Neurotechnology Studies
Georgetown University
Professor of Integrative Physiology and Biochemistry



Biological Science Lecture
Understanding Cellular Reprogramming and Pluripotency
Monday, April 14, 2014
Dr. Konrad Hochedlinger
Harvard Stem Cell Institute
Assistant Professor of Stem Cell and Regenerative Biology



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Cover image:
Helical wheel view of DNA
Created by Dr. Tom Bishop and Will Johnston

For additional information regarding this lecture series
contact: Dr. Jamie Newman (jjnewman@latech.edu)