



Science in the News

The Science in the News series is designed to provide secondary science educators with cutting edge topics that they can share with their students. Several local university faculty members from all facets of science will be sharing their expertise to enhance the science content knowledge of educators and their students.

Session 1: General Neural Anatomy

In this presentation, content relating to the structures and functions found in the central nervous system, especially the brain, are discussed.

Session 2: Brain Injury and Trauma

In this presentation, content relating to brain injury and brain trauma is discussed. Results of research being conducted in this field are also presented.

Session 3: Tissues of the Body – Part 1

In Part 1, discussion on the connective and epithelial tissues found in the body is presented.

Session 4: Tissues of the Body – Part 2

In Part 2, discussion on the muscular and nervous tissues found in the body is presented.

Session 5: Stem Cell Research

Basic information about stem cells and the impact of stem cell research are discussed.

Sessions in Development:

Scanning Electron Microscope – Applications in Biology, Chemistry, Earth Science and Physics

The Digestive System Part 1/Gastric Bypass or Bariatric Surgery

Muscle Tissue/Anabolic Steroid Abuse

The Lymphatic and Immune Systems/Autoimmune Diseases (focus on AIDS) –

The Integumentary System/ Skin Disorders Focusing on Skin Cancer

The Heart/Cardiac Diseases or Disorders Focusing on Coronary Artery Disease

Bones and Skeletal Tissues/Osteoporosis and Other Bone Disorders

Directions for PL Connect

1. Visit the CIESC website (www.ciesc.k12.in.us)
2. Click on the **PL Connect** icon found on the left hand side of the front page.
3. Log in information is:
 - Username: school email
 - Password: First Initial of first name followed by last name.
4. Select Core Curriculum
5. Select "Science in the News"