



IUPUI

**CENTER FOR RESEARCH
AND LEARNING**

INDIANA UNIVERSITY-PURDUE UNIVERSITY
A Division of the Office of the Vice Chancellor for Research
Indianapolis

Poster Session 1 Winners:

Top 3 Undergraduate Posters

- Matthew Terrell Anderson (Regulation of actin based protrusions by the hedgehog pathway)
- Joseph W. Boone (The Effect of DMAPT and DCA on the Growth and Survival of Pancreatic Cancer Cells)
- Mikaela Alexis Louise Greer (Chemical Analysis of TNT for Forensic Application)

Top 3 Graduate Posters:

- Christopher James Carey (Enhanced Central Sensitization is Associated with Headache Pain in the Acute and Subacute Stages of Mild Traumatic Brain Injury)
- Nishant Hemant Hawaldar (Additive Manufacturing of Molds for Sand Casting)
- Logan Douglas Hickey (Towards Simultaneous Extraction of TNT and DNA from Blood on Cotton)

Top MURI Team Poster: (Setup Design and Standard Characterization of a Wind Turbine-Generator Compartment)

- Joshua Kenneth Woodward, Han Shih, Yu-Ren Chen, Emily Carol Rosales, Jinyun Zhou, Qiuyu Deng

Audience-choice/Fan Favorite Award (voted on by visiting high-school students):

- Mosopefoluwa Temitayo Ladapo (The Effect of Music on Body Sway When Standing in a Moving Virtual Environment)

Poster Session 2 Winners:

Top 3 Undergraduate Posters:

- Aishat Carolyn Audu (Expression of a Functional Analysis of Mutant pp53 Gene for Study in Ovarian Cancer Development)
- Ashley Nicole Kidwell (Differentiation and Characterization of Retinal Ganglion Cells Derived from Human Pluripotent Stem Cells)
- Seth Ethan Sears (The Role of Angiotensin Coiled-Coil Homology Domain Arginine/Lysine Residues in Vesicle Fusion Activity)

Top 3 Graduate Posters:

- Darrelle Louise Colinot (The Common Parasite *Toxoplasma gondii* Induces Prostatic Inflammation and Microglandular Hyperplasia in a Mouse Model)
- Isaac Andrew Taylor (Electrochemical Micronutrient Sensing: Quantification of the Potassium Ion)
- Megan Elizabeth Stringer (she was not able to attend to present Poster 107: Identification of Age and Tissue Specific Dyrk1a Protein Levels and Phosphorylation Activity as a Target for Down Syndrome Related Phenotypes in Ts65Dn Mice); Jonathan Mark LaCombe (presented Megan Stringer's poster in her absence)

Top MURI Team Poster: (Notation for Rapid Comprehension in Music Technology Performance)

- Michael David Bauchert, Henry James Dan, Caila Lutz, Faith Elizabeth Miller

Audience-choice/Fan Favorite Award (voted on by visiting high-school students):

- Tolulope Oyenike Ajayi (Modeling Pancreatic Cancer Tumor Microenvironment Using a Microfluidic Culture System)