

2016 NCI Cancer Education Program Abstracts

<u>Last Name</u>	<u>First Name</u>	<u>Institution</u>	<u>Research Project Abstract</u>
<u>Undergraduate Students</u>			
Adkins	Emma	University of Kentucky	Crystalline Silica Mediated Inflammation: Role of Mast Cells
Adkisson	Kaitlyn	Western Kentucky Univ	Nutritive Intake Relates to Activated Cytotoxic T Cells in Lung Cancer Patients
Amer	Yomna	UofL	The Effect of Reactivation of PRb in the Metabolism of Cancer Cells
Bilyeu	Kyle	UofL	Sensitizing Pancreatic Cancer Cells to Chemotherapeutics by Modulating Intracellular Iron Homeostasis
Bradley	Christian	Howard University	Impact of High Order Interactions Between Inflammatory and Immune Response Genes in Prostate Cancer Among Men of African Descent
Castaneda	Charles	UofL	Effect of Pharmacological Inhibition of Phosphoserine Aminotransferase (PSAT1) on Metastatic Breast Cancer Motility
Chuong	Phillip	UofL	Detection of Pancreatic Cancer Using a Modified Gelatin Nanocontrasting Agent
Feagins	Kayla	UofL	Circulating Plasma MicroRNA in Colorectal Neoplasia: A New Role in Assessing Response to Therapy
Fields	Olivia	UofL	Rest-activity Rhythms and Quality of Life in Lung Cancer Patients
Fitzsimonds	Zachary	Middle Tennessee State	Differential Regulation of Long-non coding RNAs by Poryphoromonas gingivalis in Oral Squamous Cell Carcinoma

Fouts	Benjamin	Earlham College	<u>Characterization of acidic pH functionalized mesoporous silica nanoparticles for ovarian cancer diagnostics</u>
Furnish	Madison	UofL	<u>Investigation of CRISPR/Cas9 Arylamine N-Acetyltransferase 1 Knockouts in MDA-MB-231 Cell Lines via Anoikis and Invasion Assays</u>
Gleaton	Ashley	Cornell University	<u>Functional Interaction Between NORE1A and Mutationally Activated RIT(Q79) Represses Malignant Transformation in Lung Cancer</u>
Gully	Zahara	UofL	<u>Tamoxifen: A Study in Pharmacovigilance</u>
Haddock-Pitt	Adayshia	Spelman College	<u>Effectiveness of Reducing Home VOC Measurements using One Inch Carbon Furnace Filters</u>
Heitz	Adaline	UofL	<u>Healthy Lifestyle Impact on Breast Cancer Specific and All-Cause Mortality</u>
Howard	Parker	UofL	<u>Investigating HGPRT as a Component of an AS1411 Prodrug Mechanism</u>
Huss	Maya	UofL	<u>Transport and Distribution of Stealth and Cell Penetrating Nanoparticles in Cervical Cancer Tissue Mimics</u>
Jacob	Kevin	UofL	<u>Identification of Aberrant Wnt/β-catenin Signaling on Cancer Stem Cell Activation in Hepatocellular Carcinoma</u>
Kim	Josephine	University of Kentucky	<u>Combining Natural Compound β-glucan with Immune Checkpoint Inhibitor Therapy to Promote Antitumor Immunity</u>
Martin	Tiana	Spelman College	<u>The Impact of Complex Interactions of Chemokine Sequence Variants on Prostate Cancer Risk among men of African Descent</u>
Mattingly	Delvon	UofL	<u>Health Behaviors and Breast Cancer Risk in Non-Hispanic White & Hispanic Women</u>

Sears	Sophia	Goshen College	<u>Effects of therapeutic compounds on cadmium-induced prostate cancer</u>
Sereff	Seth	UofL	<u>Elucidating the Mechanism of XB05 in Malignant Cells</u>
Smith	Mary Ann	Mississippi State Univ	<u>Paracrine Induction of Macrophages by Melanoma Exosomes</u>
Stepp	Paula	Western Kentucky Univ	<u>Imprinting Status of Paternally Imprinted Tandem Genes and their Expression in Ovarian Carcinoma Cell Lines</u>
Tella	Segen	UofL	<u>The Effect of G-quadruplex Oligonucleotides Sequences Targeting cMYC, SOX2 and HTERT in Melanoma Cell Lines</u>
Ullum	Matthew	University of Kentucky	<u>Decrease of MDSCs by Oral β-glucan in Lung Cancer Patients</u>

Medical Students

Field	Wesley	UofL	<u>Quality of Life Assessment for Patients Undergoing Irreversible Electroporation for Treatment of Locally Advanced Pancreatic Cancer</u>
Ketchem	Corey	UofL	<u>Novel Drug Combinations Sensitize Leukemia Cells to a Bcl-2 Inhibitor</u>
McKenzie	Grant	UofL	<u>Comprehensive Geriatric Assessment for Hepatopancreatobiliary Surgical Patients – A Systematic Review</u>
Mercer	Megan	UofL	<u>Estimated Percentage of Breast Volume Excision and Its Relationship with Quality of Life and Satisfaction After Breast Conservation Therapy for Breast Cancer</u>
Palumbo	Alex	UofL	<u>KCC Expression and Function May Contribute to Human Cancer Cell Motility</u>

Shaikh

Nazeer

UofL

[A Prospective Study of Nasociliary Function and Rhinosinusitis Symptomatology in Patients with Oropharyngeal Squamous Cell Carcinoma Receiving Intensity Modulated External Beam Radiotherapy: Preliminary Results](#)

**Dental
Students**

Ahmed

Saira

UofL

[Detecting the Presence of Porphyromonas gingivalis in Oral Squamous Cell Carcinoma](#)