

# Diversity in Cancer Research (DiCR) Undergraduate Summer Program

## 2022 Scholars (10)

### **Eddy Bagaruka, Oklahoma City University**

Mentor: Rajagopal Ramesh, PhD

Project: “Pharmacologic inhibition of HUR disrupts cell proliferation and induces cell-cycle arrest in medulloblastoma”

### **Emily Batu ng, The University of Oklahoma**

Mentor: Elizabeth Hile, PhD

Project: “Using bioimpedance phase angle to explore quality trajectories during prehabilitation for pancreatic cancer resection”

### **Carlton Deniega, Oklahoma State University**

Mentor: Rashmi Kaul, PhD

Project: “17  $\beta$ -HSD13 has sex-based differential expression in Hepatitis C virus-induced cirrhosis and hepatocellular carcinoma”

### **Felipe Ferreira, The University of Oklahoma**

Mentor: Motolani Ogunsanya, PhD

Project: “Developing mHealth app for black men survivors of prostate cancer”

### **Antonio Harris, Langston University**

Mentor: Byron Quinn, PhD

Project: “Analysis of 4T1 breast cancer metabolic pathways”

### **Andrew Johnson, Langston University**

Mentor: Anthony Burgett, PhD

Project: “The anti-cancer effects of a new Glycosulated-OSW-1 natural product compound”

**Mahogany Mcknight, Langston University**

Mentor: Elizabeth Wellberg, PhD

Project: "Distinct effects of FGF1 on cell proliferation and metabolism in endocrine-sensitive and -resistant breast cancer cells"

**Kennedy Mdoe, The University of Oklahoma**

Mentor: John Clegg, PhD

Project: "Chemotherapeutics affects the viability of human endothelial cells and astrocytes, with implication for blood-brain-barrier (BBB) integrity"

**Aubrey Sumner, Oklahoma State University**

Mentor: Christina Henson, MD

Project: "Improving vaginal dilator compliance"

**Madeline Madina, The University of Oklahoma**

Mentor: Doris Benbrook, PhD

Project: "Effects of serum starvation on cell cycle progression in cervical cancer"