



**Wood Hudson
Cancer
Research
Laboratory**

**September
2023 eNews**

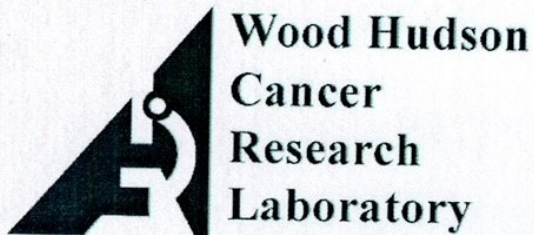
**22nd Annual Car Show Benefit on
August 12th**



On Saturday, August 12th, 97 cars participated in the Ft. Thomas Corvette Club Car Show for the benefit of Wood Hudson Cancer Research Laboratory. Jack Buecker, President of the Ft. Thomas Corvette Club, said, "Although we had a rainy day, we enjoyed our show."

The car show raised \$13,186, and all proceeds benefited Wood Hudson Cancer Research Laboratory and its Student Undergraduate Research Education Program. The event featured super door prizes, music by DJ Ray, a Bourbon Raffle, and 50/50 Split the Pot. There were multiple classes of Corvettes in competition, as well as non-Corvettes. Awards were given for Best Corvette, Best in Show for Non-Corvettes and Trucks, as well as Veteran's Trophy.

Wood Hudson thanks the Ft. Thomas Corvette Club, and Hofbrauhaus Newport, who donated a percentage of their profits to Wood Hudson Cancer Research Lab, totaling \$1,979. The support of our community through events such as the Ft. Thomas Corvette Club Car Show helps make our research and education programs possible. Thank you for your support!



Research Update from Dr. Erik Bey



This past summer at Wood Hudson Cancer Research Laboratory, Dr. Bey worked with UREP students Kevin Rhunke, Bio Medical Engineering student from the University of South Carolina, and Izzy McIntosh, Pre-Veterinary Sciences student from University of Kentucky.

These students are now back at their respective universities. Kevin and Izzy worked alongside NKU senior Men Tren, who has been a part of the lab since the Fall of 2022. Students learned tissue culture, cell survival assays and DNA damage and repair assays with Dr. Bey this summer. Everyone presented their data at the end of the successful Summer Session.

This Fall, NKU students Men Tran and Fatimah Ahmed continue their work with Dr. Bey at Wood Hudson Cancer Research Lab. They are working on two projects that revolve around understanding the role that oxidative stress plays in tumorigenesis. These projects are topics of a DOD lung cancer grant, submitted by Dr. Bey August of 2023, and a NIH RO3 breast cancer grant, to be submitted by Dr. Bey October 16, 2023.

Wood Hudson and Dr. Bey are openly recruiting any interested new students from the Northern Kentucky area to join the laboratory for the Fall and Spring Semester. Please email Dr. Bey (eabey@woodhudson.org) or Dr. Carter (jcarter@woodhudson.org) to enquire about opportunities to join the laboratory.

UREP Students Preparing Research Reports for the KAS Annual Meeting



Wood Hudson Cancer Research Lab scientists are members of the Kentucky Academy of Science (KAS), and regularly attend the KAS Annual Meeting. This year, the meeting will be held November 2nd-4th at Northern Kentucky University.

The meeting will feature the Kentucky Junior Academy of Science on Thursday, and on Friday there will be a STEM Career Fair and Exhibition, workshops, and the keynote presentation, with a Scientists' Night Out at the Newport Aquarium. Saturday will have the KAS business meeting, workshops, and field trips to Big Bone Lick State Historic Site, as well as to the NKU Research & Education Field Station and the Thomas More University Biology Field Station. Research talks and posters will be held in the morning and afternoon on both Friday and Saturday.

UREP Students from Wood Hudson Cancer Research Laboratory will be presenting two posters. Men Tran, an NKU senior and UREP participant, will be



presenting her research with Dr. Erik Bey, entitled "Investigating the Role of Reactive Oxygen Species Scavengers in Breast Cancer Tumorigenesis". Susan Sterling, UREP participant since January 2023 and UC student, will be presenting a research project with Dr. Julia Carter, Dr. Larry Douglass, and Dr. Jim Deddens entitled "Phosphoserine Phosphatase and Malignant Transformation in Human Breast Tissue". Cecelia Reaugh, an NKU student, worked on this project during the fall semester of 2022. Project abstracts were submitted for this meeting before the October 1st deadline, and will be distributed at the meeting alongside the posters.

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