



Research Strategic Plan For KYCOM

Mission Statement

The University of Pikeville Kentucky College of Osteopathic Medicine (KYCOM) Research mission is to build and sustain scholarly activity for faculty and KYCOM students through cutting-edge research that promotes life-long inquiry and enhances wellness in the community.

Basic Science Research Priority Areas

- Cardiovascular physiology
- Aging of the immune system in the context of thymic structure and function
- Effects of Substance P on vascular reactivity in coronary artery
- The role of noncoding RNAs in memory
- Creating educational materials for patients and with patients
- Medical Education

Clinical Research Priority Areas

- Osteopathic Manipulative medicine
- Osteopathic Patient Care
- Clinical Case Research
- Community Health Research
- Research for Primary Care in Underdeveloped Area.

Research Strategic Plan

Below are the research strategic initiatives for the Kentucky College of Osteopathic Medicine.

1. Establish a vision to guide KYCOM to achieve national and global leadership in research priority areas.
 - Generate research and business plans that reflect KYCOM's mission statement and approach to research needs.
 - Establish closer links with the basic science and the clinical sciences research
 - Set basic science and clinical science departments on a path to national leadership in research through strategies and expectations.
 - Continue to strengthen the basic science and clinical research efforts.
 - Clarify focused efforts to engage and coordinate with the Kentucky College of Optometry (KYCO).
 - Coordinate with the University of Pikeville to obtain and plan necessary funding for research.
2. Develop the necessary infrastructure to support sponsored research grant submission, tracking, and management.
 - Provide infrastructure and support for research and scholarship opportunities for students and faculty.
 - Promote the development of KYCOM intellectual property.
3. Provide professional development and scholarly activity opportunities for faculty.
 - Allow opportunities for faculty to engage and assist in research.
 - Provide more opportunities for faculty to be up to date with research projects and methods.
4. Increase KYCOM engagement with industry to grow biomedical and clinical research.
 - Identify the setbacks for increasing industry-sponsored research.
 - Develop an expanding UPIKE Symposium that showcases basic science and clinical research where industry leaders are invited to attend.
5. Strengthen the KYCOM research infrastructure to ensure the research advances the cutting edge.
 - Work to develop a strategy for core facilities to ensure ongoing access to technology while also maintaining finances.
 - Clarify processes for investment, access, and maintenance.
 - Elevate the approach for institutional support of research.
 - Collaborate with the University of Pikeville to further streamline research administration and infrastructure.
6. Strengthen the research collaboration with Pikeville Medical Center (PMC)
 - Develop the internal and external cross-disciplinary collaborations
 - Seeking external financial collaboration.