College of Medicine Update

May 16, 2018

Robert S. DiPaola, Dean
The University of Kentucky College of Medicine is a national leader in solving the challenges in health care through transdisciplinary and transformational education, research, and advanced clinical care.
COMMITS
College of Medicine Map to Impact through a Transdisciplinary Strategy

EDUCATION
OBJECTIVE: Strengthen the quality and distinction of our educational programs to develop our learners into accomplished professionals and scholars who contribute through their clinical and community service, research and discovery, creative endeavors, and teaching.

RESEARCH
OBJECTIVE: Advance transformative research through collaboration and innovation, leading to scientific impact and improved health for the people of Kentucky and beyond.

CLINICAL CARE
OBJECTIVE: Advance expert clinical care through highly engaged physicians, scientists, and health care teams using evidence-based practices, while embracing a patient- and family-centered culture.

DIVERSITY & INCLUSIVITY
OBJECTIVE: Enhance all forms of diversity through education, recruitment, hiring, retention, promotion, and initiatives to provide experiences that ensure inclusive excellence.

COMMUNITY ENGAGEMENT
OBJECTIVE: Establish bidirectional partnerships and employ leading-edge communication and technology, education, and research in innovative ways to advance the health of the people in Kentucky and beyond.

STRATEGIC ENABLERS: WORKFORCE WELLBEING | FACILITIES INFORMATION TECHNOLOGY | ACCOUNTABILITY AND FISCAL RESPONSIBILITY
GOVERNANCE STRUCTURE

Strategic Plan Executive Governance

Implementation Strategic Management

Pillar

Leadership

Education

Diversity & Inclusion

Research

Community Engagement

Clinical

Strategic Enablers
• Facilities • Information Technology • Fiscal Accountability • College Community Wellbeing •
Pillar Objective

- Advance transformative research through collaboration and innovation leading to scientific impact and improved health of the people of Kentucky and beyond

Goals

- Develop and invest in defined signature and emerging research areas leading to scientific impact and improved health of the people of Kentucky and beyond
- Create an optimal research community to increase the overall research impact of the College of Medicine
- Improve the quality and access to infrastructure supporting research efforts
- Create more collaborative and transdisciplinary research opportunities to advance groundbreaking discoveries

Work Group Status

- Define work group membership and submit charter to Implementation Strategic Management by April 20, 2018
- Add definition to previously defined work group metrics by September 30, 2018
- Finish prioritization of goals and metrics by October 26, 2018
MULTIDISCIPLINARY VALUE PROGRAM (MVP)

MVP

Translation

Experts in Science/Discovery

Evidence

Implementation

Experts in Clinical Care

Education
MVP TEAM (MAVARIC): **MAGNESIUM AND VERAPAMIL AFTER RECANALIZATION IN ISCHEMIA OF THE CEREBRUM: UPDATE**

- Combine IA Verapamil + Magnesium (Mg) after thrombectomy in human subjects
- Human Randomized Blinded Outcome Assessment Trial
  - 15 patients in each group (control vs Verapamil/Mg)
  - Undergo thrombectomy plus IA infusion
- Trial Opened: October 10, 2017

PIs: Justin F. Fraser, MD and Gregory J. Bix, MD, PhD

## MVP/RESEARCH PRELIMINARY OUTCOMES SO FAR (BASED ON AVAILABLE INFORMATION)*

<table>
<thead>
<tr>
<th></th>
<th>Abstracts Submitted</th>
<th>Manuscripts Submitted</th>
<th>External Grants Submitted (Awarded)</th>
<th>Trials Active</th>
<th>Subjects Enrolled</th>
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<td>MVP Round 1 2016</td>
<td>7</td>
<td>11</td>
<td>8 (4)</td>
<td>6</td>
<td>101</td>
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<td>0 (0)</td>
<td>2</td>
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<td><strong>TOTAL</strong></td>
<td><strong>11</strong></td>
<td><strong>12</strong></td>
<td><strong>8 (4)</strong></td>
<td><strong>8</strong></td>
<td><strong>130</strong></td>
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</tbody>
</table>

* Several additional abstracts, manuscripts, and grant applications are reported in progress.
2017 UK@WORK COLLEGE OF MEDICINE
NON-CLINICAL FACULTY ENGAGEMENT RESULTS BY CATEGORY
LCME UPDATE

July 23
• Submission of the UK COM Self-Study and Database Collection Instrument (DCI)

September 9-12,
• Mock Survey Visit

October 14-18
• LCME Team Survey Visit
REGIONAL CAMPUS EXPANSION

- UK College of Medicine-Bowling Green Campus
  - Opening Fall 2018
  - 30 students per class
  - Partnership with WKU and Med Center Health

- UK College of Medicine-Northern Kentucky Campus
  - Opening Fall 2019
  - 35 students per class
  - Partnership with NKU and St. Elizabeth Healthcare

- UK College of Medicine-Rural Physician Leadership Program
  - 10 students per class
  - Partnership with Morehead St. University and St. Claire Medical Center
REGIONAL CAMPUS LEADERSHIP
BEST
Building Efficiencies through Strategic Transformation
@OurBEST Initiative

- Supports College of Medicine and UK HealthCare strategic plans.
- Includes College of Medicine and UK HealthCare representation on all implementation teams.
- Focuses on Academic Growth, Clinical Growth and Supply Chain Optimization in an effort to improve value-based, patient-centered care.
ACADEMIC GROWTH DRIVE TEAM EFFORTS

- Research investment
  - Research centers and programs
  - Research space management and research-related overhead
  - Research core facilities and shared equipment labs
  - Clinical trial revenue

- Funds Flow

- Technology Transfer
  - Improve research commercialization

- Faculty Effort
  - Clinical, research, academic, administrative

- Shared/administrative services
• Recommendations to make internal IP review process faster and more efficient by changing the role/setup of the IPC, etc.

• Emphasize pursuing “intentional” IP development strategies and/or attracting more sponsored-research opportunities.

• Proposed concept of OTC working with College of Medicine leadership and Philanthropy to build out a “Life Sciences Business Advisory Network.”