

Scientific Research Plan for Faculty of Applied Medical Sciences

Objectives of scientific research for Umm Al-Qura University:

- Obj 1:** Providing grants for scientific research.
- Obj 2:** Development and governance of administrative procedures.
- Obj 3:** Providing a supportive and attractive environment for scientific research.
- Obj 4:** Reinforcement for national and international collaborations.
- Obj 5:** Development research skills among the researchers.
- Obj 6:** Support the research services that meet the local requirement.
- Obj 7:** Establishment of research centers.
- Obj 8:** Achieving financial sustainability.



Priorities of scientific research for Umm Al-Qura University:

- 1- Environmental health and safety.
- 2- Infrastructure of Makkah and Holy areas.
- 3- Enriching of Makkah visitors experience.



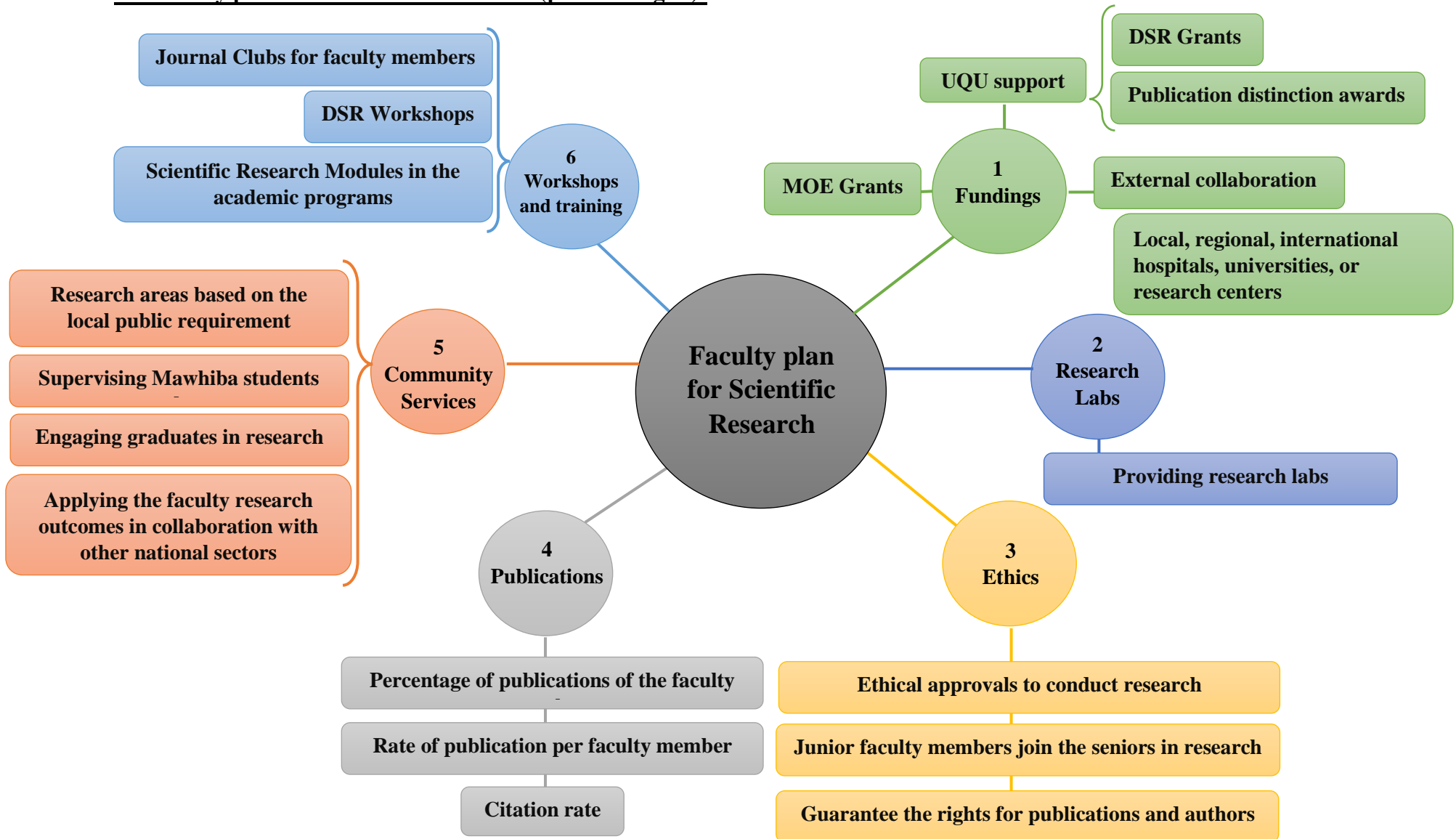
Objectives of scientific research for the Faculty of Applied Medical Sciences:

- Obj 1:** Conducting scientific research that serve local and global community.
- Obj 2:** Developing an environment that encourages scientific research for students and faculty members.
- Obj 3:** Increasing rate and quality of publications.

Domains of scientific research in the Faculty of Applied Medical Sciences:

Domains	Laboratory Medicine	Clinical Nutrition	Physical Therapy
<p>Domain 1: Public health</p> <p>Including chronic and common diseases</p>	<p>For example, research in:</p> <p>Diabetes Hypertension Oncology</p>	<p>For example, research in:</p> <p>Diabetes Hypertension Malnutrition diseases</p>	<p>For example, research in:</p> <ul style="list-style-type: none"> - The role of physical therapy in cases of bone infections, joint, stiffness, and rehabilitation of sports injuries - Improving muscles, movement and control of the body with burns and PT role in wound healing - The role of physical therapy in diseases of the central and peripheral nervous system
<p>Domain 2: Health in Hajj and Umrah</p> <p>Including topics that can help in providing good health services for Makkah visitors</p>	<p>For example, research in infectious diseases</p>	<p>For example, research in food Safety</p>	<p>For example, research in:</p> <ul style="list-style-type: none"> - Rehabilitation of the elderly - Improving muscles, movement and control of the body with burns and PT role in wound healing

The faculty plan for the scientific research (plan strategies):



KPIs for Scientific Research in the faculty:

- 1) **Faculty fundings and labs for the scientific research.**
- 2) **Research collaborations:**
 - Local collaboration
 - Regional collaboration
 - International collaboration
- 3) **Workshops and training:**
 - Conducted journal clubs among faculty members.
 - Conducted UQU DSR workshops for faculty members.
 - Scientific Research modules in the academic programs.
- 4) **Ethics:**
 - Obtained ethical approvals for conducting research.
 - Joining junior faculty members to the faculty research teams.
 - Engaging student in research and publications.
- 5) **Publications:**
 - Percentage of publications among the faculty members (KPI-14).
 - Rate of publication per faculty member (KPI-15).
 - Citation rate in preferred journals (KPI-16).
- 6) **Community services:**
 - Increased number of research during COVID-19 pandemic.
 - Supervised Mawhiba students by faculty members.
 - Engaging the graduates to volunteer in the faculty research teams.
- 7) **Staff got scientific research awards from UQU DSR.**
- 8) **Number of faculty members promoted:**
 - Members are promoted for associate professor: 12
 - Members applied for associate professor promotion: 2
 - Members are promoted for professor: 3
- 9) **Students participated at UQU scientific research competitions and won prizes for 1st place.**
- 10) **Participation of faculty members in international conferences.**

Alignment of the scientific research plan strategies of Faculty of Applied Medical Sciences with Umm Al-Qura University research objectives:

Scientific research plan strategies for Faculty of Applied Medical Sciences	Umm Al-Qura University Scientific Research Objectives							
	Objetive 1	Objetive 2	Objetive 3	Objetive 4	Objetive 5	Objetive 6	Objetive 7	Objetive 8
Strategy 1								
Strategy 2								
Strategy 3								
Strategy 4								
Strategy 5								
Strategy 6								

Alignment of the scientific research domains of Faculty of Applied Medical Sciences with Umm Al-Qura University research priorities:

Faculty of Applied Medical Sciences Scientific research domains	Umm Al-Qura University Scientific Research Priorities		
	Environmental health and safety	Infrastructure of Makkah and Holy areas	Enriching of Makkah visitors experience
Public health			
Health in Hajj and Umrah			