KING CEASOR UNIVERSITY

RESEARCH AGENDA

JUNE 2024

Foreword

It is with great pride and anticipation that we present the Research Agenda for King Ceasor University. Our university is dedicated to fostering a culture of academic excellence, innovation, and societal impact through our research endeavors. This agenda marks a significant milestone in our journey to shape the future of knowledge and address the pressing challenges facing our society.

At King Ceasor University, we are guided by our vision of becoming an innovation-driven university and our mission to provide holistic education through inventive teaching, learning, and research aimed at fostering socio-economic transformation. Our core values of progression, accountability, integrity, respect, and synergy underpin all our efforts and guide us in our pursuit of excellence.

Our university is home to three distinguished schools: the School of Medicine, Health & Life Sciences; the School of Law & Management Sciences; and the School of Science, Computing & Engineering. Within these schools, we house a diverse array of departments and offer a spectrum of undergraduate and postgraduate programs aimed at nurturing the next generation of leaders, scholars, and professionals.

Recognizing the transformative potential of research, our agenda transcends disciplinary boundaries, fosters interdisciplinary collaboration, and addresses pressing challenges while advancing knowledge and promoting innovation. This document outlines key thematic areas and research priorities, providing a framework to guide and catalyze research efforts within our community. Our strategic goals include becoming a catalyst for engagement and research development, fostering an inclusive and diverse culture of excellence, leveraging partnerships for research and innovation, and translating and commercializing research discoveries for societal impact. Through these goals, we aim to drive progress, prosperity, and empowerment for future generations.

We are committed to building and investing in research infrastructure, using data for strategic decisions, and fostering a culture of inquiry, discovery, and impact. Innovation and collaborative solutions will help us solve societal challenges and generate impactful research opportunities. Join us on this journey as we work towards our vision of an innovation-driven university, anticipating the achievements and advancements from our collective efforts.

Dr. Charity Basaza Mulenga
Vice-Chancellor.

1.0 Introduction

At King Ceasor University, we are committed to fostering a culture of academic excellence, innovation, and societal impact through our research endeavors. As we embark on a journey to shape the future of knowledge and address pressing challenges facing our society, it is imperative to articulate a comprehensive research agenda that aligns with our institutional mission and strategic priorities. Our university comprises three distinct schools, each dedicated to excellence in its respective domain: the School of Medicine, Health & Life Sciences; the School of Law & Management Sciences; and the School of Science, Computing & Engineering. Within these schools, we house a diverse array of departments and offer a spectrum of undergraduate and postgraduate programs aimed at nurturing the next generation of leaders, scholars, and professionals.

Recognizing the transformative potential of research, we endeavor to chart a course that transcends disciplinary boundaries and fosters interdisciplinary collaboration. Our research agenda is grounded in a commitment to addressing the most pressing challenges of our time while advancing knowledge, promoting innovation, and enhancing societal well-being. In this document, we present the Research Agenda for King Ceasor University, outlining key thematic areas and research priorities across our academic landscape. Through this agenda, we seek to provide a framework for guiding and catalyzing research efforts within our university community, fostering a culture of inquiry, discovery, and impact. Together, we aspire to realize the full potential of research as a catalyst for positive change, driving progress, prosperity, and empowerment for generations to come.

1.1 Vision

An Innovation driven University.

1.2 Mission

To provide a holistic education through inventive teaching, learning and research aimed at fostering socio-economic transformation.

1.3 Our Core Values

i.   **Progression:** We recognize that learning never ends.
ii. **Accountability:** We hold ourselves accountable for our actions and conduct our affairs in ways that promote mutual trust and public confidence.
iii. **Integrity:** We hold ourselves collectively and individually, liable to do what is right.
iv. **Respect:** We treat all people with dignity, respect and impartiality.
v.   **Synergy:** We are stronger and more efficient as a team than as individuals.

1.4 Strategic Goals and Objectives

1.4.1 Goal One
To be the focal point catalyst for the King Ceasor University's academic staff and student centered engagement and research development.

1.4.1.1 Objectives
  i. Identify, promote and build consensus with colleges, departments and units on near and long-term research opportunities and resources.

  ii. Improve the productivity of the faculty by providing them with appropriate data, tools and resources.

  iii. To promote interdisciplinary research collaborations by encouraging interdisciplinary collaboration among faculty members and students across various departments and disciplines to address complex societal challenges and advance knowledge.

  iv. To foster student research and innovation through the creation of opportunities for students to actively engage in research projects, experiential learning, and innovation initiatives, fostering critical thinking, problem-solving skills, and creativity.

  v. To address societal needs and global challenges by focusing our research efforts on addressing pressing societal needs, such as public health, environmental sustainability, social justice, and economic development, contributing to positive change locally, regionally, and globally.

1.4.2 Goal Two
To foster an inclusive, equitable and diverse culture of excellence and continuous strategic improvement.

1.4.2.1 Objectives
  a) Continue to build and invest in research infrastructure to support the growth of the research enterprise.

  b) Use data to drive strategic decisions by establishing baseline metrics and key performance indicators.

  c) Continue to build the university's culture through talent recruitment and retention, training and recognition.

d) Focus on diversity and inclusion in recruitment, retention and day-to-day interaction and culture.

1.4.3 Goal Three
Leverage partnerships and collaborations to drive research and innovation.

1.4.3.1 Objectives
i. Define measurable data outcomes to report partnership successes.

ii. Pursue more international partnership opportunities and increase collaboration with internal partners.

iii. Develop relationships with new partners and deepen existing partnerships based on emerging research and innovation trends.

1.4.4 Goal Four
Translating and commercializing research discoveries for societal impact.

1.4.4.1 Objectives
i. Increase faculty understanding and knowledge of research commercialization.

ii. Advance the role of innovation and entrepreneurship in the tenure and promotion process.

iii. Create standard operating procedures for research commercialization processes.

iv. Increase the diversity of the participants in research commercialization with an emphasis on gender sensitivity.

v. Foster a more pervasive culture of valuing and celebrating entrepreneurship and commercializing research discoveries by faculty, students and staff.

vi. Grow the invention and research awards and recognition program.

2.0 Strategic Implementation Plan for Achieving Research Agenda Objectives

▪ King Ceasor University aims to become the leading catalyst for academic staff and student-centered engagement and research development by empowering the Directorate of Research and Graduate Training to drive faculty success through capacity building,

cutting-edge technology utilization, and comprehensive resource support, including training, commercialization, and funding opportunities.

▪ As a rapidly advancing, technology-focused research university, we prioritize excellence across all academic settings. The Directorate of Research and Graduate Training will utilize data-driven strategies to identify key performance indicators and make informed decisions, fostering an inclusive and diverse environment where all researchers can thrive.

▪ Innovation and collaborative solutions are central to our mission at the Directorate of Research and Graduate Training. By fostering partnerships with government entities, global institutions, internal collaborators, and private organizations, we aim to solve societal challenges and generate impactful research opportunities.

▪ We are committed to translating and commercializing research discoveries for societal benefit. By supporting the commercialization process and celebrating the achievements of our researchers, the Directorate of Research ensures that the diverse and culturally inclusive outcomes of our work reach and benefit a broad audience.

3.0 Integrating the Research Agenda across University Schools

To ensure the successful implementation of King Ceasor University's Research Agenda, it is crucial to integrate its strategic goals and objectives with the diverse academic disciplines represented within our Schools. The School of Medicine, Health & Life Sciences, the School of Science, Computing & Engineering, and the School of Law & Management Sciences each play a pivotal role in driving research excellence and innovation.

Aligning the research priorities and resources with the unique strengths and focus areas of these Schools, will foster a collaborative environment that supports groundbreaking research, enhances academic engagement, and maximizes the societal impact of our discoveries. This integrated approach will leverage the specialized expertise within each School, and promote a continued culture of excellence, inclusivity, and continuous improvement across the entire university.

3.1 School of Medicine, Health & Life Sciences

The School of Medicine, Health and Life Sciences offers courses in the departments shown in Table 1.

Table 1: Departments and Courses Offered

S/No	Departments	Courses Offered
1.	Pharmacology	

2.	Microbiology	i.	Bachelor of Medicine & Bachelor of Surgery
3.	Biochemistry		
4.	Anatomy	ii.	Bachelor of Nursing Science Direct
5.	Nursing		
6.	Pathology	iii.	Bachelor of Nursing Science – Completion
7.	Internal Medicine		
8.	Surgery	iv.	Diploma in Clinical Medicine & Community Health
9	Obstetrics & Gynecology		
10.	Public Health	v.	Diploma in Medical Laboratory Technology
11.	Psychiatry		
12.	Physiology		
13.	Pediatrics & Child Health		
14.	Allied Health Sciences		

3.1.1 Research Themes for School of Medicine, Health & Life Sciences

1) **Public Health and Epidemiology**
   a. Investigating infectious diseases and epidemiological trends.
   b. Public Health Policies and Interventions.
   c. Health Disparities and Access to Healthcare.

2) **Biomedical Sciences**
   a. Pharmacological interventions and drug discovery.
   b. Microbial pathogenesis and antimicrobial resistance.
   c. Molecular mechanisms of diseases.

3) **Healthcare Management and Policy**
   a. Healthcare delivery systems and organizational structures.
   b. Health economics and financing.
   c. Healthcare policy effectiveness and implementation strategies.

4) **Clinical Research and Patient Care**
   a. Clinical trials and treatment efficacy studies.
   b. Patient-centered care approaches and outcomes.
   c. Medical technologies and innovations.

3.2 School of Law & Management Sciences

The School of Law & Management Sciences offers courses in the departments shown in Table 2.

Table 2: Departments and Courses Offered

Departments	Courses Offered
Commercial Law	Bachelor of Laws
Public and Comparative Law	Bachelor of Business Administration
Law and Jurisprudence	Bachelor of Oil, Gas & Energy Management
Clinical Legal Education	
Management Sciences	

3.2.1 Research Themes School of Law & Management Sciences

1) Legal Studies and Jurisprudence
   a. Legal frameworks and regulatory compliance.
   b. Emerging legal issues in various industries.
   c. International law and human rights.

2) Business Management and Strategy
   a. Organizational behavior and leadership.
   b. Marketing trends and consumer behavior.
   c. Strategic management and innovation.

3) Energy and Natural Resources Law
   a. Legal aspects of energy extraction and distribution.
   b. Environmental regulations and sustainability practices.
   c. Oil drilling and petroleum exploration.
   d. Policies related to oil, gas, and mineral resources.

3.3 School of Science, Computing & Engineering (SSCE)

The School of Science, Computing & Engineering offers the following programs as shown in Table 3.

Table 3: Departments and Courses Offered in SSCE

Departments	Courses Offered
Petroleum Geo-Sciences	Bachelor of Science Petroleum Geo-Sciences
Agriculture	Bachelor of Agriculture
Computing, AI & Data Science	Bachelor of Computer Forensics & Criminal Investigations.
Foundation Studies	Higher Education Certificate (Humanities)
	Higher Education Certificate (Biological Sciences)
	Higher Education Certificate (Physical Sciences)

3.3.1 Research Themes School of Science, Computing & Engineering

1) Data Science and Analytics
   a) Big data science and Predictive Modeling.
   b) Artificial Intelligence, and Block-chain Technology.

c) Data mining techniques and algorithms.
d) Cybersecurity and digital forensics.

2) **Environmental Engineering and Sustainability**
a) Renewable energy technologies and environmental impact assessments.
b) Water resource management and conservation.
c) Climate change mitigation and adaptation strategies.

3) **Information Technology and Cybersecurity**
a) Networks and infrastructure advances.
b) Artificial intelligence and machine learning applications.
c) Block chain technology and cryptocurrency.

4) **Sustainable Agriculture Practices for Smallholder Farmers**
a) Agroecology and Biodiversity Conservation**.**
b) Climate-Resilient Farming Techniques**.**
c) Market Access and Value Chain Development**.**

5) **Entrepreneurship and Innovation in Emerging Markets:**
a) Startup Ecosystems and Entrepreneurial Ecosystem Development:
b) Social Entrepreneurship and Sustainable Development:

4.0 Funding and Resources

Funding and resources will be mostly from King Ceasor University. Our funding strategies encompass a multifaceted approach, including grant applications to national and international funding agencies, corporate sponsorships, and philanthropic donations.

5.0 Policy Framework

King Ceasor University is committed to maintaining the highest standards of research integrity and excellence through its comprehensive Research & Innovations Policy, which has been approved by the University Council. This policy provides a robust framework for guiding research activities across the institution, ensuring they align with both university goals and national regulations.

Additionally, the university has established an Ethical Code of Conduct Handbook designed to uphold integrity in research. This handbook includes detailed guidelines on fulfilling Research Ethics and securing the necessary approvals from national research regulators. In Uganda, the Uganda National Council of Science & Technology (UNCST) is the primary body authorized to

oversee and approve research activities. The handbook also enumerates other ethical bodies recognized by UNCST, which are authorized to conduct similar oversight and approval processes.

Through these policies and guidelines, King Ceasor University ensures that all research conducted under its auspices adheres to rigorous ethical standards, fostering an environment of accountability, transparency, and respect for national and international research norms

6.0 Alignment with National Research Agenda

King Ceasor University's Research Agenda is aligned with the national research agenda and contributes to national research goals in several ways:

i. Healthcare Innovation and Access: Research in the School of Medicine, Health & Life Sciences contributes to improving healthcare access, addressing public health challenges, and advancing medical knowledge in alignment with national health priorities.

ii. Legal and Regulatory Compliance: The School of Law & Management Sciences' research themes focus on legal studies, business management, and energy law, contributing to legal and regulatory frameworks, promoting good governance, and fostering sustainable economic development.

iii. Technological Advancement and Sustainability: Research in the School of Computing & Engineering aims to drive technological innovation, promote environmental sustainability, and address cybersecurity challenges, aligning with national goals for technological advancement and environmental stewardship.

King Ceasor University is committed to leveraging its research capabilities and expertise to contribute meaningfully to national development agendas, address societal challenges, and foster innovation and progress in key priority areas.

7.0 Research Responsibilities

In any research endeavor, the roles and responsibilities of each team member are crucial for the success of the project. The Principal Investigator (PI), Co-Principal Investigator (Co-PI), and other team members play distinct but interconnected roles that contribute to the advancement of knowledge and the achievement of research objectives. This document outlines the roles and responsibilities of these key stakeholders within a research team.

7.1 Roles and Responsibilities of Investigators & Research Team Members

7.1.1 Principal Investigator (PI)

The Principal Investigator is typically the lead researcher and holds primary responsibility for the conception, design, execution, and overall management of the research project. The roles and responsibilities of the PI include:

i. **Research Design and Planning.**

The PI leads the development of the research project, including defining research questions, objectives, methodologies, and timelines. They ensure that the research design aligns with the project's goals and objectives.

ii. **Grant Writing and Funding Acquisition.**

The PI is often responsible for securing funding for the research project through grant writing and proposal submissions to funding agencies, foundations, or other sources of research funding.

iii. **Project Management and Oversight.**

The PI provides overall leadership and direction to the research team, overseeing project activities, timelines, and milestones. They ensure that the project stays on track and within budget.

iv. **Data Analysis and Interpretation**

The PI leads data analysis efforts, interprets research findings, and draws conclusions based on the data collected during the research project. They are responsible for ensuring the accuracy and validity of the research results.

v. **Publication and Dissemination of Findings.**

The PI oversees the preparation of research manuscripts, reports, and presentations for publication and dissemination to academic journals, conferences, and other relevant stakeholders.

vi. **Ethical and Regulatory Compliance.**

The PI ensures that the research project adheres to ethical guidelines, regulatory requirements, and institutional policies governing research conduct, including obtaining necessary approvals and permissions.

7.1.2 Co-Principal Investigator (Co-PI)

The Co-Principal Investigator works closely with the PI and shares responsibility for the leadership and management of the research project. The roles and responsibilities of the Co-PI may include:

a) **Collaborative Leadership:**

The Co-PI collaborates with the PI in the development of the research project, contributing to the design, planning, and implementation of research activities.

b) Subject Matter Expertise:

The Co-PI brings specific subject matter expertise or technical skills to the research project, complementing the expertise of the PI and other team members.

c) Project Coordination and Administration:

The Co-PI assists the PI in coordinating project activities, managing resources, and ensuring effective communication and collaboration among team members.

d) Data Collection and Analysis:

The Co-PI may be involved in data collection, analysis, and interpretation, working alongside the PI and other team members to generate research findings.

e) Dissemination of Results:

The Co-PI contributes to the preparation of research outputs, including manuscripts, reports, and presentations, and participates in the dissemination of research findings to relevant stakeholders.

f) Compliance and Governance:

The Co-PI assists the PI in ensuring compliance with ethical, regulatory, and institutional requirements governing research conduct.

7.1.3 Other Members' Roles on the Research Team

In addition to the PI and Co-PI, other members of the research team play vital roles in contributing to the success of the research project. These roles may include:

- **Research Assistants:**

Research assistants support the PI and Co-PI in various aspects of the research project, including data collection, literature review, and administrative tasks.

- **Graduate Students:**

Graduate students may be involved in the research project as part of their academic training, contributing to data collection, analysis, and scholarly activities under the guidance of the PI and Co-PI.

- **Collaborating Investigators:**

Collaborating investigators bring additional expertise or resources to the research project, collaborating with the PI, Co-PI, and other team members to achieve research objectives.

- **External Partners and Stakeholders:**

External partners, such as community organizations, industry partners, and government agencies, may collaborate with the research team, providing input, resources, or access to research participants.

- **Advisory Board Members**

In some cases, research projects may have an advisory board comprising experts or stakeholders who provide guidance, feedback, and oversight throughout the duration of the project.

8.0 Research Endeavors

King Ceasor University engages in numerous research projects across various disciplines within the different departments of our schools.

8.1 Collaboration and Partnerships

King Ceasor University has a strong tradition of collaboration with key institutions such as Mulago National Referral Hospital, Mbarara University of Science and Technology, Uganda Cancer Institute, Lubaga Hospital, and Uganda Prisons, among others. These partnerships have been instrumental in advancing our research capabilities and achieving significant milestones in various scientific and medical fields. We actively welcome and encourage further collaborations, recognizing that such alliances are vital to our strategic goals and enhancing our global visibility. We urge our faculty to pursue additional collaborative opportunities both nationally and internationally, fostering a vibrant, interconnected research community that drives innovation and excellence.

8.2 Capacity Building and Training

At King Ceasor University, capacity building and training are integral to our mission of fostering academic excellence and research innovation. The Directorate of Research, in collaboration with the Deans of the School of Medicine, Health & Life Sciences, the School of Law and Management Sciences, and the School of Science, Computing and Engineering, is committed to organizing regular training sessions for faculty members. These sessions will be carefully planned and executed in consultation with the Vice Chancellor and University Management to ensure they meet the specific needs of each School.

The School of Medicine, Health & Life Sciences will focus on advanced medical research techniques, clinical trial management, and healthcare innovation. The School of Law and Management Sciences will emphasize research methodologies in legal studies, policy analysis, and management sciences. The School of Science, Computing and Engineering will offer training in cutting-edge technologies, computational methods, and engineering solutions.

These training initiatives aim to enhance the research skills of our faculty, promote interdisciplinary collaboration, and ensure our academic community remains at the forefront of their respective fields. By investing in our faculty's professional development, we aim to create a robust research environment that supports our strategic goals and drives continuous improvement across the university.

8.3 Innovation and Impact

King Ceasor University is dedicated to fostering a culture of innovation that translates research discoveries into tangible societal benefits. Our approach to innovation emphasizes the practical application of research findings to address real-world challenges, driving economic growth, and improving quality of life. The Directorate of Research actively supports initiatives that encourage creativity and entrepreneurship among faculty and students, providing the resources and infrastructure necessary to develop groundbreaking solutions.

The impact of our research is amplified through strategic partnerships with industry, government, and non-profit organizations. These collaborations enable us to leverage diverse perspectives and expertise, ensuring that our innovations are both relevant and sustainable. We also prioritize the commercialization of research outputs, facilitating the transition from academic research to market-ready products and services. This not only enhances the university's reputation but also contributes to the broader economic and social development of our community.

Furthermore, King Ceasor University is committed to measuring and communicating the impact of our research. By implementing robust evaluation frameworks and engaging with stakeholders, we ensure that our research efforts align with national and global priorities, demonstrating our contribution to societal advancement. Our continuous focus on innovation and impact underscores our commitment to excellence and our role as a catalyst for positive change.

9.0 Infrastructure and Support

King Ceasor University boasts state-of-the-art infrastructure and robust support systems that underpin our research excellence. Our facilities include advanced laboratories in Biochemistry, Microbiology, Physiology, Anatomy, Histology, Nursing Skills, Pharmacology, and Computer Science, as well as dedicated Agriculture field excursion sites. These resources provide our faculty and students with the necessary tools to conduct high-quality, cutting-edge research.

In addition to our on-campus facilities, we have established memorandums of understanding with several key institutions in Uganda. These partnerships, including those with Mulago, Kawempe, and Kiruddu National Referral Hospitals, offer valuable clinical rotation opportunities for our medical research faculty and students. These collaborations enhance our research capabilities by

providing access to diverse clinical settings and patient populations, fostering practical experience, and facilitating impactful medical research.

Our commitment to infrastructure and support ensures that our researchers have access to the best possible resources and environments to conduct their work. This not only supports our strategic research goals but also reinforces our position as a leading institution for innovation and excellence in research.

10.0 Monitoring, Evaluation and Learning

At King Ceasor University, effective Monitoring, Evaluation and Learning (MEL) processes are integral to ensuring the success and impact of our research activities. The Directorate of Research, in collaboration with the university management and school Deans, has established comprehensive M&E frameworks to regularly assess and enhance our research initiatives.

These frameworks involve setting clear performance metrics and key performance indicators (KPIs) tailored to each research project and academic unit. Regular data collection and analysis allow us to track progress, identify areas for improvement, and make informed decisions to drive research excellence. We emphasize transparency and accountability in all our research endeavors, ensuring that outcomes are rigorously evaluated against our strategic goals.

Our M&E processes also include feedback mechanisms where faculty and students can provide insights and suggestions, fostering a culture of continuous improvement. Periodic reviews and audits are conducted to ensure compliance with ethical standards and regulatory requirements, maintaining the integrity of our research. It is implementing robust monitoring and evaluation systems, King Ceasor University will continuously ensure that our research activities are aligned with our mission and vision, delivering meaningful contributions to academia and society. This commitment to M&E not only enhances the quality and impact of our research but also strengthens our reputation as a leading research institution.

11.0 Communication and Dissemination

Effective communication and dissemination of research findings are vital components of King Ceasor University's Research Agenda. King Ceasor University is committed to ensuring that our research outputs are widely shared and accessible to diverse audiences, including academics, policymakers, stakeholders, and the general public.

We employ a multi-faceted approach to dissemination, utilizing a variety of channels to maximize the reach and impact of our research. This includes publishing in high-impact peer-reviewed journals, presenting at national and international conferences, and engaging in public lectures and seminars. Additionally, we leverage digital platforms such as the university's website, social media, and online repositories to disseminate research findings broadly and promptly.

Our communication strategy also involves collaborating with media outlets to highlight significant research achievements and breakthroughs. By maintaining an active presence in both academic and mainstream media, we enhance the visibility of our research and its relevance to societal challenges.

Furthermore, we encourage our faculty and students to engage in knowledge transfer activities, such as workshops and training sessions, to share their expertise with external stakeholders. This not only fosters collaboration but also ensures that our research has a tangible impact beyond the academic sphere.

Thriough the prioritization of effective communication and dissemination, King Ceasor University ensures that our research contributes to the global body of knowledge and addresses real-world issues, reinforcing our role as a leader in innovation and scholarly excellence.

12.0 Sustainability and Future Directions

King Ceasor University is dedicated to ensuring the long-term sustainability of our research initiatives while continuously adapting to emerging opportunities and challenges. Our commitment to sustainability encompasses both the financial and environmental aspects of research, ensuring that our projects are not only viable but also contribute positively to society and the environment.

To achieve financial sustainability, we actively seek diverse funding sources, including grants from national and international agencies, partnerships with industry, and philanthropic contributions. Our strategic funding plans are designed to build a stable financial base that supports ongoing and future research activities. Additionally, we promote efficient resource utilization and encourage practices that reduce environmental impact, aligning our research with global sustainability goals.

Looking ahead, King Ceasor University is focused on expanding our research horizons and exploring new frontiers. We are committed to staying at the forefront of scientific and technological advancements by investing in emerging research areas and fostering interdisciplinary collaborations.

a) Our future directions include:
b) Strengthening our research infrastructure.
c) Increasing our engagement with global research networks.
d) Establishment of the KCU REC

We also plan to enhance our support for early-career researchers and students, providing them with the mentorship, training, and resources needed to develop their potential and contribute to our

research goals. In a bid to foster a culture of innovation and continuous improvement, King Ceasor University will always remain a dynamic and influential center of research excellence.

Through these strategic efforts, we aim to sustain and amplify the impact of our research, addressing pressing global challenges and contributing to the advancement of knowledge and societal well-being.

Appendix I: Global Funding Bodies For Research

Sn.	Field of Research	Funding Body	Description
	Medicine & Public Health		
1.	National Institutes of Health (NIH)	Provides funding for a wide range of medical research projects.	NIH Website: https://www.nih.gov/
2.	Wellcome Trust	Offers grants for biomedical research	https://wellcome.org/
3.	Bill & Melinda Gates Foundation	Funds health-related research, particularly in global health.	https://www.gatesfoundation.org/
4.	European Research Council (ERC)	Supports medical research through competitive grants.	https://erc.europa.eu/
5.	Medical Research Council (MRC)	Provides funding for medical research in various disciplines.	MRC Website
	Pfizer Inc; Delaware.	https://www.pfizer.com/	
		Drug Discovery and Development: Pfizer invests heavily in researching and developing new drugs and therapies to address various medical conditions such as cancer, cardiovascular diseases, neurological disorders, infectious diseases, autoimmune diseases, and rare diseases. **Clinical Trials**: Pfizer conducts numerous clinical trials to test the safety and efficacy of its drugs and vaccines. These trials span across different phases,	

		from early-stage trials in small groups of patients to large-scale trials involving thousands of participants. **Biotechnology and Genetics**: Pfizer invests in biotechnology and genetic research to better understand diseases at the molecular level and develop targeted therapies. **Healthcare Innovation**: Pfizer supports research aimed at improving healthcare delivery, patient outcomes, and access to healthcare services. **Collaborative Research**: Pfizer collaborates with academic institutions, research organizations, and other pharmaceutical companies to advance scientific knowledge and develop innovative treatments. **Global Health Initiatives**: Pfizer participates in initiatives aimed at addressing global health challenges, such as access to medicines in developing countries and public health emergencies.	
	World Health Organization (WHO).	Provides funding for public health research and initiatives.	WHO Website: https://www.who.int/
	Centers for Disease Control and Prevention (CDC)	Offers grants for public health research and programs.	CDC Website: https://www.cdc.gov/
	Robert Wood Johnson Foundation (RWJF).	Funds public health research and initiatives aimed at improving health and healthcare.	RWJF Website: https://www.rwjf.org/
	Law and Management Sciences		
6.	American Bar Foundation (ABF)	Funds research in law and legal processes.	ABF Website: http://www.americanbarfoundation.org/

7.	Economic and Social Research Council (ESRC)	Supports research in social sciences, including law and management.	ESRC Website
8.	Law and Society Association (LSA)	Offers grants and fellowships for socio-legal research.	LSA Website https://www.lawandsociety.org/
9.	National Science Foundation (NSF).	Provides funding for interdisciplinary research, including management sciences.	LSA Website: https://www.nsf.gov/
10.	Academy of Management (AOM).	Offers grants for management research.	AOM Website: https://aom.org/
	Agriculture		
11.	United States Department of Agriculture (USDA).	Provides grants for agricultural research and development.	USDA Website: https://www.usda.gov/
12.	International Fund for Agricultural Development (IFAD).	Supports research to improve agriculture in developing countries.	IFAD Website: https://www.ifad.org/
13.	Consultative Group on International Agricultural Research (CGIAR).	Funds global agricultural research projects.	CGIAR Website: https://www.cgiar.org/

14.	European Union Horizon 2020.	Offers funding for agricultural and food research.	Horizon 2020 Website: https://ec.europa.eu/programmes/horizon2020/
15.	Bill & Melinda Gates Foundation.	Supports agricultural research with a focus on food security.	Bill & Melinda Gates Foundation Website: https://www.gatesfoundation.org/
Computer Forensics and Criminal Investigations			
16.	National Institute of Justice (NIJ)	Provides funding for criminal justice research, including computer forensics.	NIJ Website:
17.	National Science Foundation (NSF)	Supports research in cybersecurity and digital forensics.	NSF Website: https://www.nsf.gov/
18.	European Commission Horizon Europe.	Funds research in security and digital technologies.	Horizon Europe Website: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/horizon
19:	Defense Advanced Research Projects Agency (DARPA).	Offers grants for advanced research in computer science and forensics.	DARPA Website: https://www.darpa.mil/
20.	Department of Homeland Security (DHS).	Funds research in cybersecurity and criminal investigations.	DHS Website: https://www.dhs.gov/
Climate Change Research			

21.	Intergovernmental Panel on Climate Change (IPCC).	Supports research and reports on climate change.	IPCC Website: https://www.ipcc.ch/
22.	Global Environment Facility (GEF).	Provides funding for projects that address global environmental issues, including climate change.	GEF Website: https://www.thegef.org/
23:	Climate and Development Knowledge Network (CDKN).	Funds research on climate change and development.	CDKN Website: https://cdkn.org/
24.	European Climate Foundation (ECF)	Supports initiatives and research aimed at combating climate change.	ECF Website: https://europeanclimate.org/
25.	Green Climate Fund (GCF).	Provides funding to help developing countries tackle climate change.	GCF Website: https://www.greenclimate.fund/