

CAMS RESEARCH NEWSLETTER

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6TH APRIL, 2021

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College of Applied Medical Sciences (CAMS)

Research Day



Foreword

Dean



I am pleased to announce the opening of the first virtual Scientific Research Day at the College of Applied Medical Sciences (CAMS) at King Saud University. The purpose of this day is to support researchers in applied medical fields and to contribute to the development of scientific knowledge, the education of students, and the achievement of the strategic plan of King Saud University by serving the Kingdom's Vision 2030.

The College of Applied Medical Sciences is privileged to house numerous disciplinary fields and, thus, an enormous range of research interests and activities. In this event, we are delighted to share the wide range of research conducted by our faculty as well as our graduate and undergraduate students. Furthermore, various sessions will focus on related topics such as innovation, financial supports, and available services. These sessions aim to encourage faculty members and students to get more involved in research as well as to work in collaboration with other departments. I am pleased to announce that faculty members will be issued with special booklets that list the research interests of all of our faculty members and their Google Scholar accounts and provide lists of key publications and ongoing projects along with available research laboratories.

With infinite research opportunities and potential partnerships within and beyond KSU, along with our exciting research environment, qualified faculty members, and ambitious student researchers, we will achieve our aspirations and objectives.

Prof. Yazeed Al Sheikh

Vice Dean



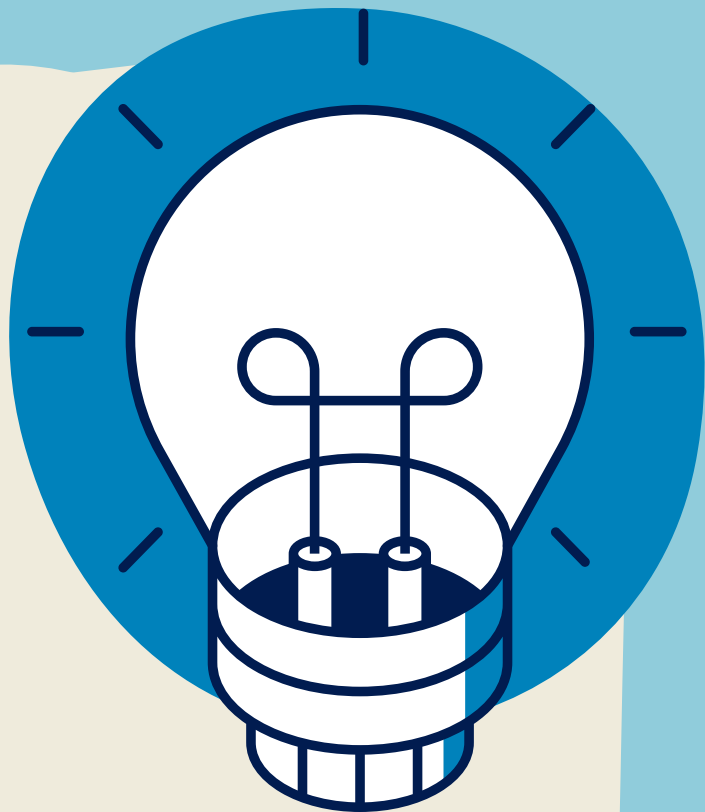
It is an honor to hold the first virtual scientific research day at the College of Applied Medical Sciences at King Saud University. This scientific forum is aimed to inspire and update attendees on recent researches conducted by graduate students in the field. Scientific research day 2021 is also aspire to draw people together to facilitate the interdisciplinary research.

As a world-class educational system, it is important to emphasize the role of research in education and integrate it into the learning process. This day is a valuable opportunity for both students and faculty members to share their research experience highlighting the remarkable contributions by the College in the scientific literature. Along with, it is a pleasure to share the researchers' scope of interest booklet in addition to a description of the research facility and available equipment at the college.

Indeed, collaboration leads to innovation; thus, we would like to extend our appreciation to all the participants and attendees in addition to the organizing and scientific teams who dedicated their time and exerted utmost efforts for the success of this day.

Dr.Feda Aljaser

Purpose of the Research Day



Scientific research is the second pillar in universities after teaching as it is the tool for developing and spreading knowledge in various fields. Given the importance of scientific research, the university provides extensive support to develop and encourage scientific research and instill a culture of scientific research among its employees and students. To achieve these goals, the College of Applied Medical Sciences intends to hold Scientific Research Day 2021 to display the research outputs of its faculty and students, honor the most distinguished researchers, highlight the supports and opportunities available to develop and enhance the culture of scientific research, and display the capabilities of the university's research laboratories.

Objectives



- 1 Achieve the strategic plan of King Saud University, encourage student and faculty researchers, and enhance research excellence.
- 2 Create an attractive environment for faculty members and students that supports excellence in research and encourages them to participate in scientific research.
- 3 Highlight the importance of research collaboration between different departments of the College of Applied Medical Sciences.
- 4 Motivate the departments to increase their scientific production and to publish in top journals.
- 5 Promote the role of creativity and innovation in scientific research.
- 6 Provide updates in the field of scientific research ethics and the role of ethics in improving research outcomes.
- 7 Provide information about the financial resources available for scientific research and about other services for researchers.
- 8 Showcase the capabilities and equipment of the college's research laboratories and clinics.
- 9 Promote the development of a research plan in each department through the faculty booklet.



Speakers

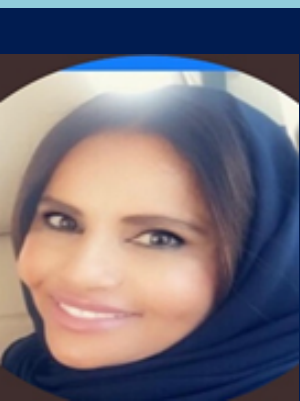


Dr. Mohammed Mahmoud

He worked as a researcher at the National Research Center in Cairo, Egypt from 1992 to 2019, and has been working with the deanship of scientific research at King Saud University since 2009. He is in charge of the Research Support and Services Unit, which has introduced many research services to faculty members and students. He has published more than 40 papers in ISI journals.

Dr. Hana AlSobayel

She is an Associate Professor and Consultant in Physical Therapy at King Saud University. For almost 30 years, she has been involved in academia, teaching, and research. She was a board member of the Saudi Physical Therapy Association for three terms and served as the elected president between 2008 and 2011. She is also a founding member of Saudi Physical Therapists in Women's Health.



Dr. Lamya Alabdulkarim

She has 20 years of experience in education, e-learning and training, coaching, health, leadership, entrepreneurship, the localization and digitalization of clinical measurements for Saudis, and innovation. She is the Director of Medical Technology Innovation and has developed a business model for innovation in health at King Saud University.

Dr. Mohammad Alfuhaily

He is an Assistant Professor of Clinical Chemistry in the Department of Clinical Laboratory Sciences. Dr. Mohammad has published 30 scientific papers as well as a book chapter and has secured funding from multiple sources, including Research Chairs and Research Group grants.



Ms. Samah Mohammed Alamri

She is a Medical Lab Specialist. She is the supervisor of the Teaching and Research Labs and Animal House at the College of Applied Medical Sciences and a member of the college's Risk Management Committee.



CAMS Scientific Research Day

Welcome and Opening

- Welcome Address

9:00 - 9:10 AM

Prof.Yazeed Al Sheikh, Dean, CAMS
- Opening Remarks

9:10 - 9:15 AM

Prof.Khalid Al Humaizi, Vice Rectorate
for Graduate Studies and Scientific
Research, KSU

Session I

- A Researcher’s Adventures at King Saud
University: Lessons Learned

9:15 – 9:40 AM

Dr.Hana AlSobayel

Session II

Oral Presentations

- Molecular Characterization of Carbapenem
Resistance Genes Among Pseudomonas
Aeruginosa and Acinetobacter Baumanii Clinical
Isolates in Riyadh

9:40 – 9:55 AM

Wejdan Binjohar - Clinical Laboratory Sciences
- Correlation of Gut Microbiota, Vitamin D Status,
and Pulmonary Function Tests in Children with
Cystic Fibrosis

9:55 – 10:10 AM

Hadeel Mohammed Albedewi - Community Health Sciences
- The Effectiveness of Robot Assisted Gait Training
on Mobility and Balance in Patients with Multiple
Sclerosis : A Systemic Review

10:10 – 10:25 AM

Noha Ibrahim Alyousef & Hanadi Matar Alharthi - Health Rehabilitation Science
- A Pilot Study to Evaluate the Effectiveness of
Hyaluronic Acid on Gingivitis

10:25 – 10:40 AM

Fatimah Massoud Bin-Mesaieed - Dental Health
- Effects of Custom-Made Arch Support Insoles on
Flexible Flatfoot in Children

10:40 – 10:55 AM

Sami Saad Alharbi - Biomedical Technology
- Correlation of Choroidal Thickness and Body
Mass Index in Healthy Saudi Females

10:55 – 11:10 AM

Hessa Mohammed AlMatar - Optometry and Vision Sciences
- Breast Density in Saudi Arabia: Intra and Inter
Reader Variability in Screening Mammograms
Assessed Visually Using BI-RADS and Visual
Analogue Scale

11:10 – 11:25 AM

Areej Saud Aloufi - Radiological Sciences

Session III

Research Facilities

Faculty Research Laboratories and Uses

11:25 – 11:40 AM

Ms.Samah AlAmri



Break and Prayer

11:40 AM - 12:30 PM

Session IV

Research Supports and Initiatives

Research Grants

12:30 – 12:50 PM

Dr.Mohammad Alfuhaily

The Ethics of Scientific Research

12:50 - 13:10 PM

Dr.Mohammed Mahmoud

Research, Development, and Innovation for the Commercialization of Health Sciences

13:10 – 13:30 PM

Dr.Lamya Alabdulkarim

Scientific Research Day Evaluation

13:30 - 13:40 PM

Awards and Recognition

13:40 - 13:50 PM

Honoring the department with higher research output

Honoring the students, speakers, and members of the committees for the Scientific Research Day (Organizing and Scientific Committees)

Honoring the winners of CAMS in the Health Innovation Camp at King Saud University

Prof.Mohammed Ali Marei, Vice Dean for graduates Studies and Scientific Research, CAMS

13:50-14:00 PM

Prize-drawing
and closing remarks



Three attendees will be chosen randomly after attending the full program and submitting the evaluation form

Committee Members

Organizing Committee

Scientific Committee

Dr.Feda Saad Aljaser	1	Prof.Mohammed Ali Marie
Dr.Nora Obid Alafif	2	Dr.Ghadeer Sulaiman Aljuraiban
Ms.Shatha Ibrahim Algowaifly	3	Dr.Mohammad Abdulmohsen Alfuhaily
Dr.Sara Ibrahim Al-Musharaf	4	Dr.Hala Ibrahim Alhodaib
Dr.Samah Hamad Alageel	5	Dr.Faisal Saud Fakhouri
Dr.Madhawi Khalid Altaib	6	Dr.Mourad Abdalmajeed Abousoud
Dr.Layal Khalid Jambi	7	Dr.Mahmoud Moustafa Abulmeaty
Dr.Abdulaziz Saud Fakhouri	8	Dr.Sara Ibrahim Al-Musharaf
Dr.Faisal Saud Fakhouri	9	Dr.Adel Abdullah ALhusaini
Ms.Alaa Jameel Almainan	10	Dr.Yazeed Ibrahim Alashban
Ms.Samah Mohammed Alamri	11	Dr.Ashwag Rafea Alruwaili
Ms.Hadil Saqer Alsaadon	12	Dr.Essam Saad Almutleb
Ms.Alaa Ghazi Malki	13	Dr.Balsam Abdullah Alabdulkader
Ms.Abeer Mohammed Alqasoumi	14	Dr.Majed Marzog Alsarani
Ms.May Abdullah Aljuhany	15	Dr.Jawaher Mohammed Alsughayyir
Volunteers: <ul style="list-style-type: none">Abdulmajeed alhamamIbrahim AlreshaidanHessa AlzayedRuyuf AlnafisahRania Bogis	16	Ms.Hala Mohammed Almaymoni
	17	Ms.Futun Nasser Alkhalifah

Information About Research in CAMS



ABOUT CAMS



What programs do we have in CAMS for graduates?

Community Health Sciences

Master Degree

- MSc in Clinical Nutrition – Clinical Nutrition
- Executive MSc in Health Promotion and Education

PhD degree

- PhD in Community Health Sciences: Clinical Nutrition – Community Clinical Nutrition

Clinical Laboratory Sciences

Master Degree

- MSc in Clinical Laboratory Sciences – Medical Microbiology
- MSc in Clinical Laboratory Sciences – Medical Biochemistry
- MSc in Clinical Laboratory Sciences – Hematology and Serology

PhD degree

- PhD in Clinical Laboratory Sciences – Medical Microbiology
- PhD in Clinical Laboratory Sciences – Clinical Biochemistry
- PhD in Clinical Laboratory Sciences – Medical Genetics
- PhD in Clinical Laboratory Sciences – Clinical Immunology

Optometry and Vision Sciences

Master Degree

- MSc in Optometry – Optometry
- Continuing Education MSs in Optometry

Health Rehabilitation

Master Degree

- MSc in Physiotherapy – Physiotherapy

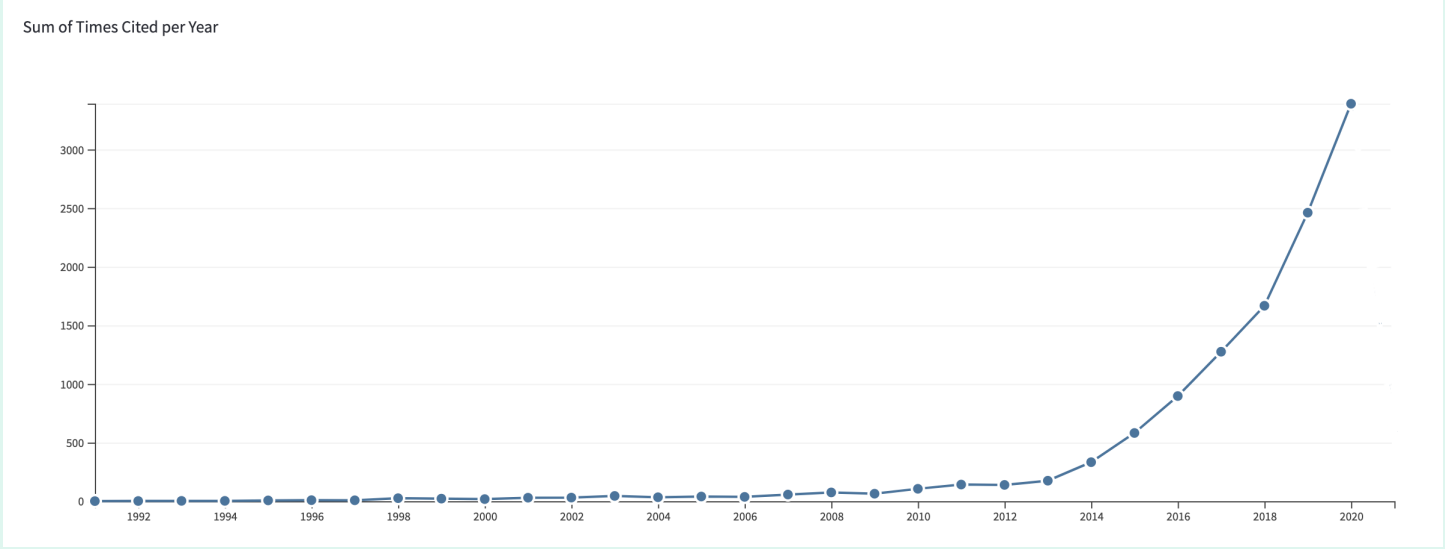
Radiological Sciences

Master Degree

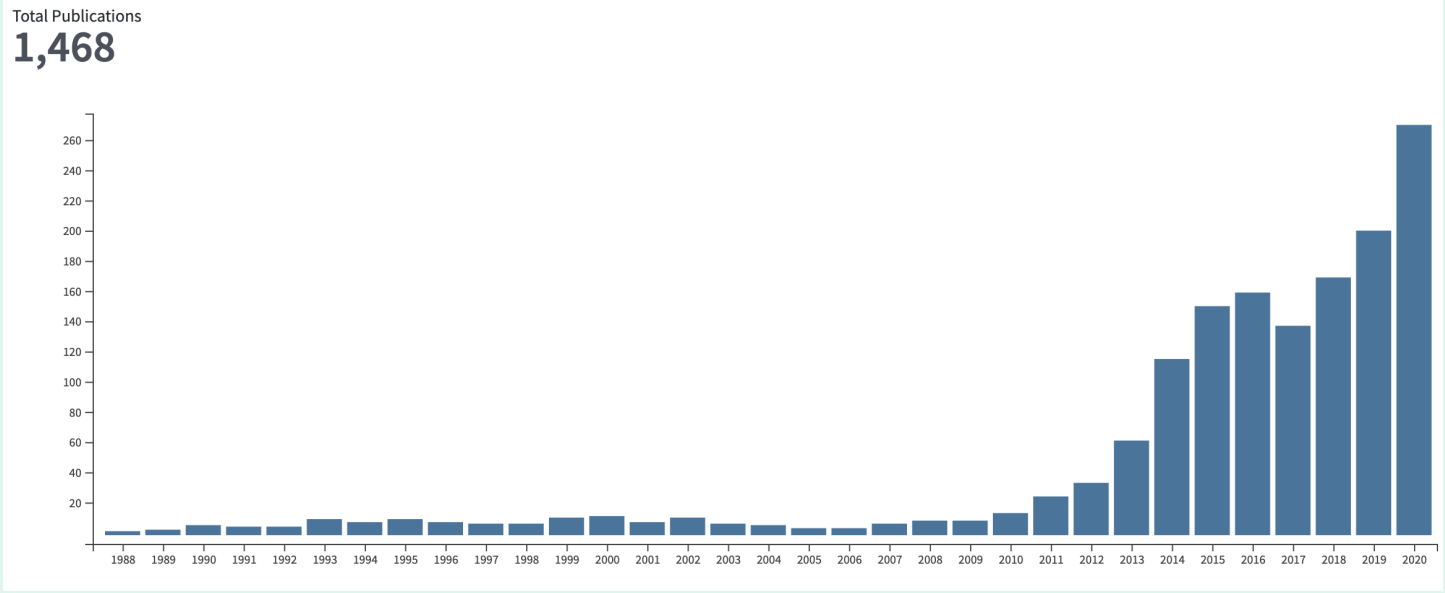
- MSc in Radiological Sciences – Medical Radiation Protection
- MSc in Radiological Sciences – Nuclear Medicine and Molecular Imaging
- MSc in Radiological Sciences – Medical Ultrasonography
- MSc in Radiological Sciences – Magnetic Resonance Imaging Technology

Scientific Citations and Publications in CAMS

Rise up in Research output: 1992-2020



Citations 2020



Publications 2020



Resources



CAMS Research Booklet



CAMS Laboratory Devices



CAMS Clinics

