



The MACHS Newsletter

THE OFFICIAL COLLEGE NEWSLETTER OF MOHAMMED AL MANA COLLEGE FOR MEDICAL SCIENCES



Official's Viewpoint:

Heightening the Quality Culture



*"Education is not the learning of facts
but the training of mind to think
- Albert Einstein"*

Quality refers to the distinctive characteristics of something and it reflects the degree of excellence. In education, excellence is reflected by graduates who can compete very well in a highly competitive environment such as healthcare systems.

The Vice-Deanship of Quality and Development is an essential arm of the MACHS organization that has a major aim of assuring that constant excellence in education is pursued. The excellence of education as seen by MACHS is not just a passive transfer of information from faculty members to students, rather it is a whole process of developing critical thinking skills of the students. Achieving such aim requires that we, administrative, Faculty members and students, work at different levels of aspects related to education such as faculty development, quality of instruction, quality of assessment, and quality of training.

Meanwhile, we emphasize that, strong quality culture is not only visible at departmental level, but in the entire organization. In order to develop such strong quality culture, best practices are enhanced through continuous review of institutional policies. We ensure that, we share common standards and values defining high quality of teaching and learning.

On another level, MACHS is putting efforts to obtain national and international accreditation of its programs. The Foundation Year Program and the quality department work together to obtain accreditation of the English program from the Commission on English Language Accreditation (CEA). Besides, the quality department is preparing for the institutional accreditation by the National Center for Academic Accreditation and Evaluation (NCAAA).

In all of the activities that we are conducting, we heavily rely on our valuable faculty members and students. These two major stakeholders of MACHS are the true drivers of quality by adopting good practices in teaching and learning.

Dr. Yousef Alhahsem
Vice-Dean of Quality and Development
Assistant Professor of Human Genetics

Acknowledgement

The MACHS Newsletter would like to extend its greatest appreciation to the following contributors and coordinators for this month's issue:

Mr. Sayed Hamdy Elshamy
Mr. Nader Awad Mohammed
Mr. Aftab Alam

Ms. Suzy Said Al Najjar
Dr. Manal Suroor
Ms. Girlie Bron
Ms. Anjum Usmani
Ms. Nadrin Taufiq Eid

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Ms. Zahra Ali Al Mosajen

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Dr. Yahya Al Dawood

Linkage Headlines



MACHS strengthens tie-up with UO

Mohammed Al Mana College for Medical Sciences continuously expands its academic partnership with University of Oregon (UO) in a recent proposal discussion held at the Dean's Conference Room, April 11.

Dennis Galvan, Professor of International Studies and Political Science and Vice Provost for International Affairs, together with Michael Andreasen, Vice President for University Advancement and John Manotti, Associate Vice President for Advancement and International Programs presented UO's proposal in establishing MACHS' Center of Excellence with emphasis on faculty and student affairs, student success and institutional research. With the ultimate aim of meeting and exceeding the National Center for Academic Accreditation and Assessment (NCAAA) standards, the collaboration also entails the development and implementation of institutional policies and procedures, also the university's unique expertise.

During the visit, UO has reiterated its support towards the college ongoing preparation for Commission on English Program Accreditation (CEA). This significant project raises the bar of English program being offered at MACHS to a higher standards. Likewise, the team from UO discussed the proposed Primer Semester plan that will place students on intensive English program to prepare them and be eligible to meet the English skills standards in the Foundation Year program in the college prior to admission.

Still on the aspect of strengthening the English program, this UO-MACHS collaboration seeks to open new ESP courses. The courses will make use of specially designed curriculum to meet the specific language and professional needs in each discipline, while studying at MACHS and eventually apply in their future endeavors.

Meanwhile, the collaboration paves the way for instituting professional development programs on current teaching pedagogies and learning assessment. The team highlighted the Mobile Summer Institute that will enable faculty members expand and sharpen their teaching skills. The Summer Institute will cover workshops on evidence-based, inclusive and active teaching practices happening in August 24, this year.

The recent proposals and collaborative project were upshot of the January site visit by University of Oregon to Mohammed Al Mana College for Medical Sciences (see photos insert).



Departmental News



We are the Science behind the Medicine: MACHS celebrates annual CLS Day

April 02, 2019 saw Mohammed Al Mana College for Medical Sciences' annual celebration of the Clinical Laboratory Sciences (CLS) Day held at the Nursing building ground floor from 9am until 1pm.

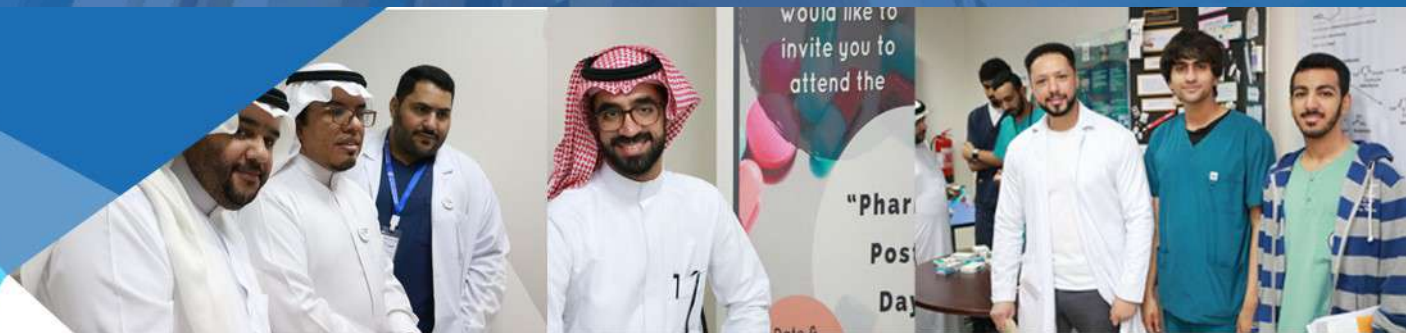
Students had an excellent day participating in the range of various booths exhibited at the ground floor lobby, selected classrooms and the auditorium. The event re-explored medical conditions and phenomena shown in booths where students were also challenged how to depict them in a most informative and creative way.

Some of the featured booths were Ebolavirus, Gas Gangrene disease, Staphylococcal infections, Lung Cancer, Swine Flu Virus, Leukemia, Hepatitis, Hepatocellular Carcinoma, Immuglobin Therapy, among others. Meanwhile, getting much attention was the booth which featured coin beams using indoor lighting technique to investigate a crime scene.

The activity was participated by the officials headed by Dr. Jenan Al Matouq, Vice Dean for Academic Affairs; Dr. Yousef Al Hashem, Vice Dean for Quality and Development; department heads; faculty members; staff and students from other programs. Meanwhile, Dr. Zaheda Al Radwan, CLS head expressed her heartfelt appreciation following the enormous support towards the activity to all who organized, supervised and attended the event.



Departmental News



Current trends and topics in the field of Pharmacy: MACHS students showcase presentation skills and creativity at Pharmacy Poster Day

By: Miss Anjum Usmani

Pharmacy poster day provided a great opportunity to learn about the current topics in the field of pharmacy. Pharmacy poster day was conducted by students of Pharmacy department on 26th March, 2019. Almost thirty groups from level 8 and bridging students represented their poster on various topics in Life cycle of malaria, Handling of hazardous drugs, An IV admixture and non-Touch technique, Streptomycin, Tuberculosis, Drugs effective against gametocytic form, Large volume parental, Types of tablets, Tablets defect and despising, Thyroids and anti-thyroids drugs, Drugs approval process, NSAIDs, Antibiotics, Sulfonylurea, TNP: Hospital preparation versus commercially available, Penicillin Drugs, Aminoglycoside antibiotic, Packaging and nature of drugs, etc. Faculty evaluated the groups based on their knowledge and presentation skills.

This event was held to realize the following objectives: (1) to provide audience the awareness about basic topics in the field of Pharmacy; and (2) to evaluate the presentation skills of Pharmacy students.

Students under the supervision of pharmacy faculty members organized the event with various booths displaying numerous posters, brochures and paraphernalia related to this event. This day was open to all of the students and staff at MACHS. Students were very enthusiastic to present their posters to the audience. The objectives of pharmacy day were successfully achieved at the end of the event.



Human Resource Corner

WELCOME TO THE TEAM!!!

new hires.



Help us in welcoming our newly appointed Recruitment Officer. Ms. Safa is a Masters Degree holder in Human Resource Management from Pittsburg State University, USA. She is a plant lover and enjoys travelling.



Say hi to Ms. Sakinah. She recently joined the Respiratory Care Department as Lecturer. She was awarded a Master of Science in Respiratory Care by University of Texas Health San Antonio, USA.

Meet our newest Laboratory Instructor from Clinical Laboratory Sciences department. He is Mr. Bader, an alumnus of MACHS with a Bachelor's Degree in Clinical Laboratory Sciences. Interesting thing about our new colleague? He loves acting.

Accreditation Updates

MACHS inks contract to initiate NCAAA self-study evaluation and institutional accreditation

As part of the assertive plans of Mohammed Al Mana College for Medical Sciences towards supreme level of excellence, Vice Dean for Quality and Development Dr. Yousef Alhahsem representing the college signed a deal with National Center for Academic Accreditation and Assessment to execute the self-study evaluation and institutional accreditation.

The contract was signed during the International Exhibition and Conference on Higher Education 2019 held April 10 at Riyadh International Convention and Exhibition Center.

This agreement represents the cooperation between MACHS and NCAAA in advancing the academic programs and institutional learning outcomes.



Library Highlights

Turning pages: MACHS celebrates Library Days

By: Miss Girlie Bron

A two-day consecutive of various activities in line with the celebration of Library Day was spearheaded by the Library Affairs held at the hallway of Pharmacy building, March 31 and April 1.

The opening day featured booths organized by participating groups including Foundation Year department, Arabic Club and external organizations. Dar Al Tamayo's booth for instance, is a medical book company which sold book items on 40% discount. Medical Accessories' Booths, on the other hand offered medical accessories and related items. The MACHS' Arabic Club earmarked lecture note exchange, poetry reading and evoking emotions through images. Meanwhile, students of Ms. Zahra Salam gave a different flavor to the event through on-the-spot reading and instantly asking the participants their willingness to purchase the read book. Representatives from ADAB Center, however also set-up its "Book Variety Booth" which auctioned its English and Arabic novels. Ms. Salwa, one of the Saudi writers also sold her books bearing her dedication during the event. Wishes photo booth was likewise put up where captured photos at the event were sold in discounted price. Moreover, to make the event more engaging and entertaining, the FYD students under Mr. Raed, together with the Library team organized the Library Games Booth where participants played some games and received gifts as a form of reward. Lastly, the Library Booth, which was initiated by the organizer offered souvenirs with names of the participants written in Arabic.

Highlighting the event, the participants wrote the title of their cherished books in a poster-like display mounted on a big bookshelf board.

This annual celebration was anchored on the purpose of revisiting awareness on the importance of literary and academic reading as well as providing the participants the current library programs and services. It was a huge success which was graced by MACHS officials, faculty members, staff and the students.



Guarding a pulse on CSR:

This month's community service pursuits

CLS students organize SCD awareness campaign

Awareness campaign was organized by Level 5 students taking Hematology 1 (CLS 301) under the supervision of their lecturer, Mr. Nadir Mohamed held at Al Raka area, April 4.

A total of 13 students distributed approximately 200 colored brochures containing information about Sickle Cell Disease (SCD) to neighborhood families at the activity venue to increase public knowledge and raise awareness and the struggles patients are going through suffering this disease.

Information delivered to the event's beneficiaries was taken from the Center for Disease Control and Prevention (CDC).



Nursing department hosts World health day celeb via exhibit

By: Miss Suzy Said Al Najjar/Mrs. Sharell Lewis



Level 5 and Level 8 students taking Psychiatric Nursing and Geriatric Nursing course, respectively initiated an exhibit in celebration of the World Health Day held at the reception area of the Nursing building, April 9.

The planning for this event started at the beginning of the spring 2018 semester. The faculty members involved in the event discussed with the students as to how the activity should be planned and organized.

During the event, informative topics were displayed through posters, brochures and other related educational materials relating to autism and stress management presented by level 5 students. Meanwhile, level 8 students aligned its exhibit to their chosen topics including elderly abused, physical and psychological care for the elderly.

More than 80 students and faculty members joined the event by visiting the exhibit.

Pharmacy students join educational tour at TPMC

A two-day industry visit to Tabuk Pharmaceuticals Manufacturing Company (TPMC) in 2nd Industrial area was organized by the Pharmacy department held March 27 and 28.

The visit was an integral course component for Pharmaceutics II under Dr. Nuzhat Banu, the course coordinator. Joining the event were the 63 students including Dr. Manal Suroor and Mrs. Maryam Al Noubi.

This activity was organized to introduce the students to the actual work in the pharmaceutical industry and to integrate the theoretical part of the course with the practical work.



Research Highlights

ONGOING RESEARCH

Drug-drug interactions of antineoplastic antibiotic with regular medicines in different cancer patients.

Main Author: **Dr. Ayaz Ahmad**

Co-authors: **Mr. Mohammad Daud Ali / Dr. Sukainah Ahmed Al Shaikh/Dr. Yousif Ameen/Dr. Wasim Ahmad and (Research assistant) Israa Taha khattab**

Categorization of Drug related problems (DRPs) happening in patients Receiving Antimicrobial Therapy in inpatient.

Main Author: **Mr. Mohammad Daud Ali**

Co-authors: **Dr. Ayaz Ahmad / Dr. Sukainah Ahmed Al Shaikh/Dr. Yousif Ameen/Dr. Wasim Ahmad**

Research Assistant: **Fatimah Essa Al Mubarak**

Perception, Knowledge, Attitude and Practice among “High-Risk Groups” Toward Uptake of Influenza Vaccine and the Level of Compliance to the Preventive Measures.

Main Author: **Dr. Eman Hassan**

The effect of Cinacalcet on clinical outcomes & biochemical profile in sHPT-CKD patients who are receiving dialysis in Al-Mana Hospitals and King Fahad Specialist Hospital -KSA.

Main Author: **Mr. Riad Mohammed Abdelrahman**

Consultant: **Prof. AbdEl-wahab Hassan Mohammed**

Co-authors: **Dr. Azmi Mohamed Ali, Dr.AbdelHai Musa, Dr.Mahmoud Ali Obeid, Dr. Ayaz Ahmed and Mr. Mohammad Daud Ali**

Research Assistant: **Abdulmajeed Ali Alghamdi**

Characterization of cardiac arrest in the emergency department of a tertiary care teaching Hospital: A retrospective study.

Main Author: **Dr. Wasim Ahmad**

Co-authors: **Dr. Ayaz Ahmad / Mr. Mohammad Daud Ali / Mr. Aftab Alam / Dr. Sukainah Ahmed Al Shaikh.**

Dysmenorrhea among female health sciences students in MACHS: Prevalence, Predictors and outcome.

Main Author: **Mrs. Latha Kannan**

Consultant: **Dr. Eman Hassan**

Co-authors: **Mrs. Sharell Lewis / Mrs. Nisha Sivapalan / Mrs. Bernadette Casingal**

Research Assistants: **Reham Hussain Ahmed Al Saeed, Zainab Yaser M Al Saif.**

CME/PD, Research Unit spearhead Biostatistical analysis workshop using SPSS



Continuous Medical Education/Professional Development (CME/PD), in collaboration with the Scientific Research Unit organized a two-day practical workshop on analyzing Biostatistical data using SPSS software held at the Pharmacy building, April 23-24.

The objectives of this workshop were to provide technical know-how on using SPSS software in interpreting and analyzing research data, promote the scientific activities of the college, and ultimately attract young professionals to engage themselves in scientific research activities.

Realizing the objectives of this workshop, Mr. Sajid Hussain, Biostatistics Lecturer and Mr. Ejaz Akbar, Computer Lecturer from Foundation Year department provided the theoretical background and practical workshops held at the computer laboratory at the ground floor of Pharmacy building.

This 2-day workshop was attended by faculty members and staff in healthcare industries and social science practitioners affiliated mostly from Al Mana college and Al Mana General Hospital.

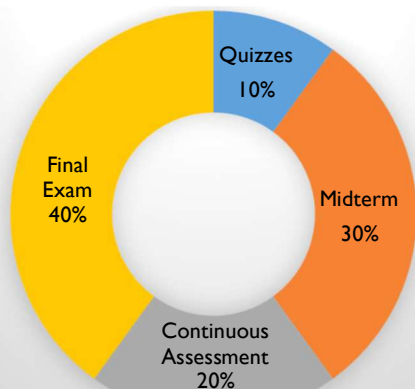
Quality Updates

Must-know QA policies, procedures and events

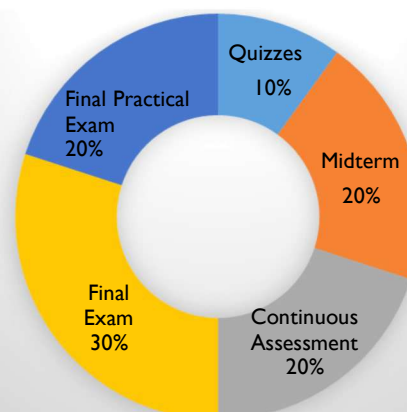
College Council circulates memo on Grade component updates

In order to improve the quality of assessment and teaching, the College Council has recently reviewed and approved some updates on the Course Grade components across the college effective Spring 2019 as follows:

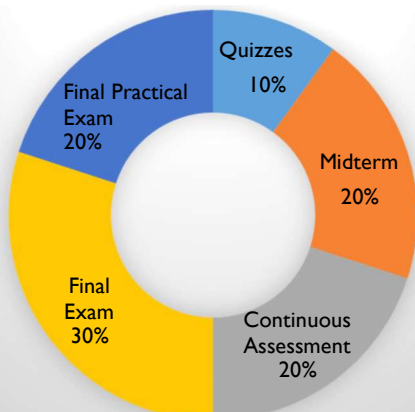
Theory (Non-clinical Courses)



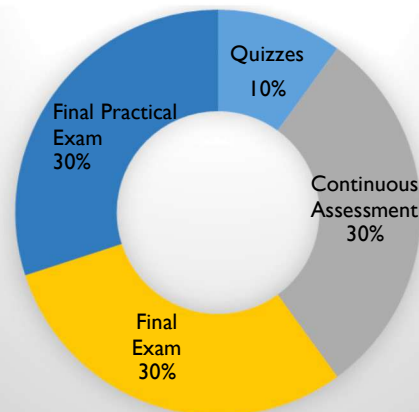
Lab Courses



Practical (Clinical) Courses (Theory hrs.=Practical credit hrs.)



Practical (Clinical) Courses (Practical hrs.>Theory credit hrs.)



College Council approves Exam Review Policy

Another policy has just been reviewed and approved by the college council ensuring the quality of exams is congruent to excellent teaching and assessment standards. The policy named, Exam Review Policy was formulated to mandate academic programs from following standard procedures for internal exam review prior to the test administration.



**Programs
Offered:**

Bachelor of Science in Nursing ★

Bachelor of Science in Pharmacy★

**Bachelor of Science in Clinical
Laboratory Sciences ★**

Bachelor of Science in Physical Therapy

Bachelor of Science in Respiratory Care

**Bachelor of Science in Radiology Science
and Medical Imaging**

**Bachelor of Science in Health
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