



King Faisal University

COCP NEWSLETTER

News and updates from College of Clinical Pharmacy

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ACPE TEAM VISIT TO COCP



Accreditation Council for Pharmacy Education (ACPE) reviewers team visited College of Clinical Pharmacy to appraise its quality of academic and administrative procedures according to the ACPE criteria set forth by ACPE for International programs, during February 23 through February 27, 2014. The team included **Dr. Robert S. Beardsley, Dr. Azza Agha and Dr. Tina Brock**. The College had invited the team in on-going effort to come at par with international standards of Phar.D. program delivery. The team held several meetings with various administrative units of the college as well as the faculty members and students to appraise the teaching, learning, and quality management procedures at the College of Clinical Pharmacy for certification by the ACPE. The ACPE reviewers appreciated the teamwork and collaboration among the faculty members, which they observed during the visit.

Vision of the college

“The College to be recognized nationally and internationally for preparing role models in Pharmacy practice, education and research, through its commitment to community engagement.”



Dr. Robert S. Beardsley,



Dr. Tina Brock



Dr. Azza Agha

ACPE MEMBERS

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The COCP proudly announces its first issue of Newsletter. Comments and suggestions are welcome, Please email your comments to clinicalpharmacy@kfu.edu.sa

COCP Newsletter is also available online www.kfu.edu.sa/en/colleges/Clinical_Pharmacy/Pages/Home.aspx

ACPE Team visited COCP - A Special Coverage



ACPE team COCP Faculty and team of Perceptors



ACPE team having discussion with Dean



ACPE team visiting university library



ACPE Team visiting computer lab



ACPE Visiting Lab facilities at COCP



ACPE Team visiting Pharmaceuticals Lab



ACPE Team visiting Biomedical Lab Facility



ACPE Team visiting Instrumentation Lab



ACPE Team visiting New Building



ACPE Team visiting Lab Facilities at New building



ACPE team visiting Lab Facilities at New Building



ACPE team inspecting new buliding



Dr. Ibrahim detailing about new building



ACPE Team inspecting new building



ACPE Team with Student Services Committee



Dr. Ibrahim detailing about college poster



ACPE Team visiting Student Service Office



ACPE Team inspecting College auditorium



ACPE team visiting Class rooms



ACPE Team looking at student activities



ACPE Team with Clinical Staff, COCP



ACPE meeting with Alumni of COCP



ACPE meeting with Alumni, COCP



ACPE Team interviewing Dr. Sabah Akrawi



ACPE Team interviewing Dr. Promise Emeka



ACPE meeting with Academic Affairs Committee



ACPE Team interviewing with Dr. Wael Soliman



ACPE Team interviewing with Dr. Majed



ACPE Team interviewing with Dr. Tamer



Group photograph at COCP with ACPE Team



ACPE Team leaving for the airport



Dr. Bandar thanking Alumni for their visit during ACPE inspection

Vision of the college

“The College to be recognized nationally and internationally for preparing role models in Pharmacy practice, education and research, through its commitment to community engagement.”

Mission of the college

“To excel in pharmacy education, patient centered care, community engagement and research”

COMMUNITY ENGAGEMENT AT COCP



High School Students visiting COCP



High School Students visiting laboratories at COCP



High School Students listening to talk at COCP



COCP student presenting talk to High School Students



School students at Student Services Office, COCP



Group Photograph at COCP

One of the pillars of the vision and message of the College of Clinical Pharmacy is the community engagement. To activate the role of community participation, College of clinical pharmacy has received **thirty students of AL-Gharra high school on 26-4-1435.**

Objective of the Visit:

- Activate the pillar of community engagement
- Providing the high school students with all the information on the study in the college and informed them about the requirements for enrolling in the college in addition to the career chances for Pharm.D.
- Exchange the experience of college of clinical pharmacy students with high school students.
- Inform high school students on the content of the college and the advanced laboratories with its content of advanced apparatuses

COLLEGE NEWS (STTUDENTS)



COCP Students presenting at WAMY



COCP Students and Staff at University Exhibition



Group Photo at WAMY



COCP Students at University Exhibition

College Students participated in the World Assembly of Muslim youth Guide me campaign

Venue: Cordoba elementary school, Aramco, Al-Ahsa
Time and date: Thursday, 6/2/201

There was a participation of the college in the awareness program prepared by World Assembly of Muslim youth for high school students to help them in choosing their colleges. Three students participated in this awareness by providing the students with the following:

- General information on the college; construction, place and ways of contact.
- Departments of the college.
- Requirements for enrolling in the college.
- Subjects, contact hours and credits
- Provided them with booklet about the college of clinical pharmacy

Participant's students:

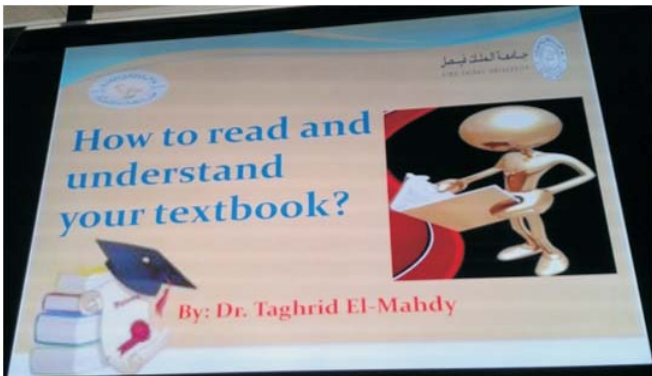
1. Anas Abedella Al-Ahmed, 2. Abdel Mallek Ahmed Balghanaim, 3. Turki Saied Adekhail

**Community engagement participation
 College of clinical pharmacy has been participated in the fourth university exhibition "University and community together build up future of our generation" that held on 24 to 27-4-1435.**

Objective of the exhibition:

- Activating the role of community participation that is one of the pillars of the vision and message of both King Faisal University and the College of Clinical Pharmacy.
- The college has participated in the reception of high school students and providing them with all the information on the study in the college and informed them about the requirements for enrolling in the college in addition to the the career chances for Pharm.D.
- Activating the role of the student services, where more than 30 students (males and females) and six faculty staff of student services committee have participated in the exhibition.

"COCP is proud to launch third issue of COCP Newsletter covering all events within the college."



Orientation Lecture for Female Students

Upon directions of the respected dean Dr. Ibrahim Alhaider, the female section of the college convened an orientation lecture for its students from all classes titled "How to read and understand your textbook" to guide the students for the reading strategies, textbook parts and how to enhance their reading speed effectively and efficiently. The lecture was delivered by Dr. Taghrid El-Mahdy, the coordinator of academic affairs in the female section. The lecture was offered twice on Mon. and Wed. 10 and 12 February 2014 in classroom 1087.



COCP (Female Students) celebrated outstanding students ceremony

COCP celebrated outstanding students ceremony for the academic year 1434 H at the activity hall -female department (Building number 29) on Wednesday, 5/4/1434 H- 5/2/2014 from 10:30 - 1 pm. Female staff, students and faculty members of COCP attended the ceremony, and mothers of some of the outstanding students were also present during the ceremony. The ceremony began with recitation of verses from the Holy Quran, followed by congratulatory word by Mrs. Fatima Al-Qarni the administrative and technical college supervisor on behalf of Dr. Ibrahim Al-Haidar, Dean, COCP. Students then held number of competitions involving students, faculty members and mothers, where simple gifts were distributed to winners. All the outstanding students receive their certificates and celebrated by cutting the cake. The ceremony was organized under supervision of students services committee.



COCP Student's oral presentation in 29th annual meeting of the Saudi Biological Society

Ms. Banin Mohammed Alqadheeb, 4th year Pharma D. student of COCP presented her research work entitled "Mothers' knowledge about recognition, toxicity and rational use of non-doctor prescribing paracetamol for children in Saudi Arabia "in 29th annual meeting of the Saudi Biological Society (Environment and Development in Gulf Region) which was held in Dammam, Saudi Arabia on February 25- 27, 2014. The research work was carried out under the supervision of Dr. Nashwa Zahar, Assistant Professor, Department of Pharmaceutical Sciences. During the conference they have attended many special events planned for this meeting in addition to the scientific symposia, poster sessions and workshops.

Vision of the college

"The College to be recognized nationally and internationally for preparing role models in Pharmacy practice, education and research, through its commitment to community engagement."

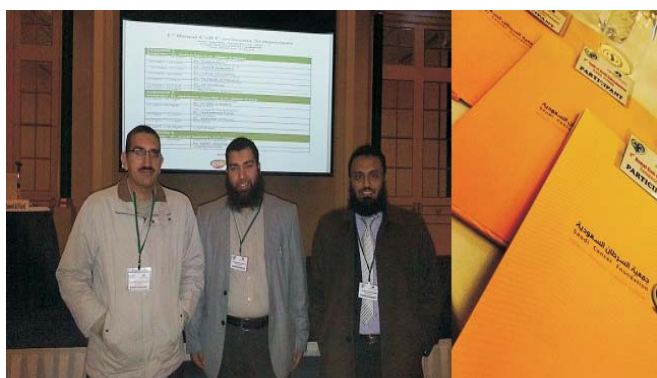
Student Handbook is now available online at College website
http://www.kfu.edu.sa/en/Colleges/clinical_pharmacy/Pages/CurrentStudents.aspx

COLLEGE NEWS (FACULTY)



COCP Faculty participation in Course Design workshop

Faculty members of COCP participated in a workshop entitled "Designing Courses that Motivate and Engage Students for Deep Learning" held during February 18-19, 2014. The workshop was organized by Deanship of Academic Development, KFU at College of Business. Dr. Michael Palmar, Associate Professor and Associate Director Teaching Resources Center, University of Virginia, USA and Dr. Peter Felten, Associate Professor of History, and Director, Center for the Advancement of Teaching and Learning, Elon University, USA were the trainer. Dr. Michael highlighted different ways of motivating students and active learning for effective teaching and learning. Dr. Peter described design of course with course objectives, sub objectives and different types of assessments. The presentations were informative and interactive.



COCP participation in Renal Cell Carcinoma Symposium

College of Clinical pharmacy faculty members and college students participated in the Renal Cell Carcinoma Symposium organized by the Saudi Cancer Foundation at Hotel Sheraton, Dammam, on 28th December 2013. Dr. Mohamed Morsy, Assistant Professor Department of Pharmaceutical Sciences, Dr. Ahmed Ragaa, Assistant Professor, Department of Biomedical Sciences and Dr. Mohammad Zaitoun, lecturer, Department of Pharmacy Practice participated in the event, which focused on updates of the Epidemiology, Pathophysiology and the management of the diseases. Moreover, the clerkship students Marwah Al-Nowais, Sarah Al Hussain and Lulu Al Mulhim attended the symposium.



COCP faculty participation in CME/PD Activity

Dr. Sabah Akrawi, Associate Professor and Dr. Mohammed A. Morsy, Associate Professor, Department of Pharmaceutical Sciences, COCP participated in the CME/PD activity entitled "Clinical Pharmacokinetics & its Application for Patient care" which was held at the College of Public Health & Health Informatics, Riyadh, on 1st and 2nd February 2014. This activity was organized by King Abdullah International Medical Research Center and has been awarded 7 CME Hours by the Saudi Commission for Health Specialties.

Mission of the college

"To excel in pharmacy education, patient centered care, community engagement and research"



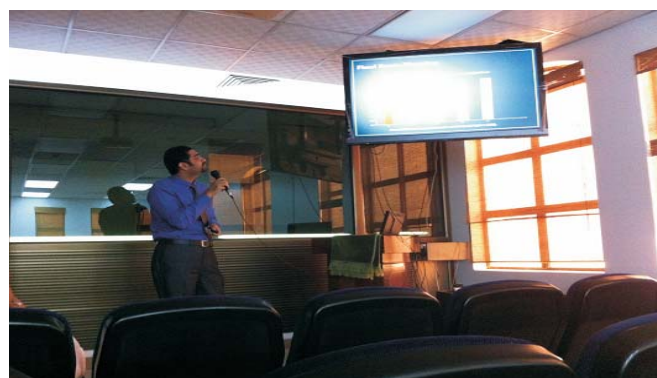
COCP participation in the Psychiatric drugs symposium held in Al-Ahsa Psychiatric Hospital

In the framework of the activities carried out by the faculty members and college students, the college participated in the Psychiatric drugs symposium held in Al-Ahsa Psychiatric Hospital on 5th and 6th of February 2014. Dr. Mohammad Zaitoun, Lecturer, Department of Pharmacy Practice presented a lecture on "Role of Clinical Pharmacist in Psychiatry ." Dr. AbdulRahman Al Nijadi, Teaching Assistant, Department of Pharmacy Practice and the clerkship students: Sara Al Hussain, Hawraa Al Khamis and Somaya Al Khawaja, also attended the symposium.

Course Report Seminars for First semester courses 2013-2014



Quality Assurance unit of COCP organized Course report seminar for the First semester (2013-2014) courses during 25th Jan, 5th, 12th Feb & 12th March, 2014 at activity hour on Wednesdays. All the faculty members participated in the seminar and presented



their course reports . The seminar was started by welcome speech by Dr. Maged, Co-ordinator. In his speech, He welcomed Dean, Vice Dean, and all the faculty members and detailed the purpose



and time schedule for each of the courses to be presented in the course of four days. The first day of Course report seminar was started with First year subjects and the second day of Course report seminar was continued with second year subjects and so on. The course report was very interactive, as all the faculty members described the Course Details, Objectives, Mode of teaching, Final Exam Results, Course evaluation survey followed by Course Assessment Results, in which the percentage achievement for each of the course objectives were discussed in detail. Most of the course's strengths and weakness were also discussed. The presentation also included the Percentage achievement of answering pattern action plan etc. The session was very helpful in improving the course delivery as the faculty members talked about many issues related to course delivery and it was very helpful for many new faculty members in solving their difficulties during teaching. All the participants were very enthusiastic and participated in the active discussion. The seminar was found to be fruitful and encouraging for all the participants. The seminar ended with the thanks to Dean, COCP.



Oral presentations by Dr. Mohamed Morsy.

Oral presentations by Dr. Mohamed Morsy. The 29th meeting of the Saudi Biological Society, Dammam, Saudi Arabia. February 25-27, 2014.



COCP Staff and Students attended Conference at Dammam

Many of the faculties and students attended "Updates on Diabetic Nephropathy", Saudi Diabetes and Endocrine Association in collaboration with Saudi Foundation for Promoting Organ Donation, Saudi Center for Organ Transplantation and University



of Dammam, Al-Khobar, Saudi Arabia. March 15, 2014.

COCP Faculty participated in 1st International Medication Safety Conference in Al-Ahsa

Many of the faculties and teaching assistants attended "1st International Medication Safety Conference in Al-Ahsa", Medication Safety Program, Ministry of Health, Directorate of Health Affairs, Al-Ahsa Pharmaceutical Care Administration, Al-Ahsa, Saudi Arabia. March 5-6, 2014.



COCP Faculty participated organized by Saudi Cancer Foundation

Many of the faculties attended "Advanced Management of Non-small Cell Lung Cancer NSCLC", Saudi Cancer Foundation, Al-



Khobar, Saudi Arabia. February 16, 2014.

COCP Faculty participated in Renal Cell Carcinoma Symposium

Many of the faculties attended "Renal Cell Carcinoma Symposium", Saudi Cancer Foundation, Dammam, Saudi Arabia. January 25, 2014.



COCP Staff participated in Nanotechnology Workshop

Dr. Mohamed Morsy and Dr Tamer Shehata attended the workshop "Nanotechnology and its Application in the Medical Fields and Water Treatment", Science and Technology Unit (STU),



King Faisal University, Saudi Arabia. February 12, 2014.

Contd.

A presentation entitled “Smartphone Peripherals & Gadgets for Research” was delivered by Dr Noor Kamil

A presentation entitled “Smartphone Peripherals & Gadgets for Research” was delivered by Dr Noor Kamil on 26th Feb 2014 in the College of Clinical Pharmacy which widen the vistas of faculty members. Dr Kamil talk over the utility of smartphones in the contemporary Medical and Pharmaceutical research and how the smartphones are shifting the facade of future research and substituting enormous equipment/instruments by miniature smart Peripherals/Gadgets, and shortening the arduous procedures, for instance Biomeme’s platform turns a smart phone into a mobile lab for advanced DNA diagnostics and real-time disease surveillance, n3D Biosciences device Bio-Assembler use to record and interpret the movement of cell cultures, when exposed to various drug toxic environments, testing drug potency, or toxicity, BiO Assay a new assay that rapidly prints cells using magnetic 3D bioprinting for high-throughput cytotoxicity testing, E-Petris a smartphone-Based Petri Dish, a small lens-free microscopy imaging platform by (California Institute of Technology (CalTech), A new smartphone app developed by scientists at Massachusetts General Hospital which can tell the difference between benign and cancerous tumors with up to 100% accuracy and in only one hour.

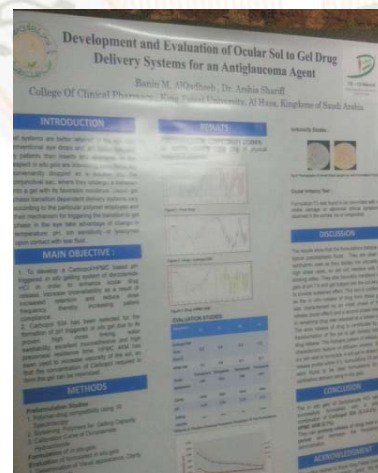
He also stated numerous other useful peripherals e.g., pH Meter Accessory, CardioDefender the world’s first FDA-approved smartphone ECG (electrocardiogram) system, LifeWatch to monitor one-lead ECG, body temperature, blood glucose, heart rate, blood oxygen saturation, body fat percentage and stress levels as expressed by heart rate variability, SkyLight, Illuminoscope, Smart Radiation Detector, SpiroSmart, AliveCor, nanosensor tattoo, Breathalyzer, Netra-G & CATRA, Mobisante’s ultrasound probe, Vital Signs DSP (Digital Signal Processor) a pulse oximeter etc.

COCP students’ participation in Duphat 2014



Three students from the College of Clinical Pharmacy Participated and presented their research work at Dubai International pharmaceuticals and technologies conference and exhibition 2014 (Duphat 2014) held during March 10-12, 2014, at Dubai International Exhibition Centre, Dubai, United Arab Emirates. Maryam Ahmed Al-Naim, won FIRST prize in thematic Pharmacy Students posters for research work entitled “Blind Medicine Aid (BMA), this research work has been carried out under the supervision of Dr. Nashwa Zaher, Assistant professor, COCP. Banin M Al-Qadheeb under the supervision of Dr. Arshia Sherif presented a research work entitled “Development and Evaluation of ocular Sol to gel drug Delivery System for an antiglaucoma Agent”at Duphat 2014 and secured ELEVENTH prize of thematic Pharmacy Students posters Mohammed Abdulkarim Alkhars developed “Salbutamol microspheres targeting to lungs: preparation and in vitro studies” under the supervision of Dr. Sree Harsh and presented at Duphat 2014 and secured SIXTH Best Thematic - Pharmacy Students Poster presentation.

Faculty, Staff and management of the COCP congratulates three of them.



Useful web resources

Databases and Knowledgebases

Cytochrome P450 Knowledgebase -

<http://cpd.ibmh.msk.su/> integrated informational resource on cytochrome P450s

ExploreDNA -

<http://www.exploredna.co.uk/home.htm> website devoted to understanding DNA and its relevance to everyday life

GeneMap -

<http://www.ncbi.nlm.nih.gov/genemap99/> latest update from the Human Genome Project

Knowledge Objectives and Essential Drug List -

http://amspc.org/knowledge_objectives.htm

compiled by the Association of Medical School Pharmacology Chairs

NC-IUPHAR - [http://www.iuphar-](http://www.iuphar-db.org/GPCR/index.html)

[db.org/GPCR/index.html](http://www.iuphar-db.org/GPCR/index.html) official database of the IUPHAR Committee on Receptor Nomenclature and

Drug Classification

PharmGKB -

<http://www.pharmgkb.org/> pharmacogenetics and pharmacogenomics knowledge base

Government Agencies

FDA - <http://www.fda.gov/> Food and Drug Administration

NIH - <http://www.nih.gov/index.html> includes links to health information and grant information and forms. NIH history site.

National Library of Medicine -

<http://www.nlm.nih.gov/>

PubMed - <http://www.ncbi.nlm.nih.gov/pubmed/>

PubMedCentral -

<http://www.pubmedcentral.nih.gov/>

ClinicalTrials.gov - <http://clinicaltrials.gov/>

National Science Foundation - <http://www.nsf.gov/>



Recent Publications from COCP

- *Mohammed Abdou Khedr Qsar-Based Virtual Screening For Computational Prediction Of West Nile Virus Ns3 Protease Inhibitors, Pharmacophore 2014, Vol. 5 (1), 49-57.*
- *Tahir Mehmood Khan, Syed Azhar Syed Sulaiman, Ibrahim Al-Haider, & Abdul Aziz Alhafez . Pregabalin safety assessment among patients with uraemic pruritus, Letter to the Editor Australasian Medical Journal [AMJ 2014, 7, 2, 81-82]*
- *Rachna Kumria, Anroop B. Nair, and Bandar E. Al-Dhubiab, Loratidine buccal films for allergic rhinitis: development and evaluation, Drug Dev Ind Pharm, Early Online: 1-7*
- *Azza A. Hasan, Design and in vitro characterization of small unilamellar niosomes as ophthalmic carrier of dorzolamide hydrochloride, Pharmaceutical Development and Technology, September 2014, Vol. 19, No. 6 : Pages 748-754*
- *Maged E. Mohamed, Colin M. Lazarus Production of prostaglandins in transgenic Arabidopsis thaliana, Photochemistry, early online, 2014,*
- *Raed Khashan, Weifan Zheng, Alexander Tropsha, The Development of Novel Chemical Fragment-Based Descriptors Using Frequent Common Subgraph Mining Approach and Their Application in QSAR Modeling, Molecular Informatics Volume 33, Issue 3, pages 201-215, March 2014.*
- *Ibrahim A. Alhaider, Sub-chronic treatment of calcineurin inhibitor averts impairment of cognitive function in animal model of amnesia, African Journal of Pharmacy and Pharmacology, Vol.7(47) , pp. 2998-3003 , December 2013.*
- *Alhaider, Ibrahim; Ahmed, Mueen; Gupta, B., Global research output on date palm (Pheonix dactylifera): a 12 years scientometric perspective, Scientometrics, Volume 98, Number 1, January 2014 , pp. 157-171(15).*



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