



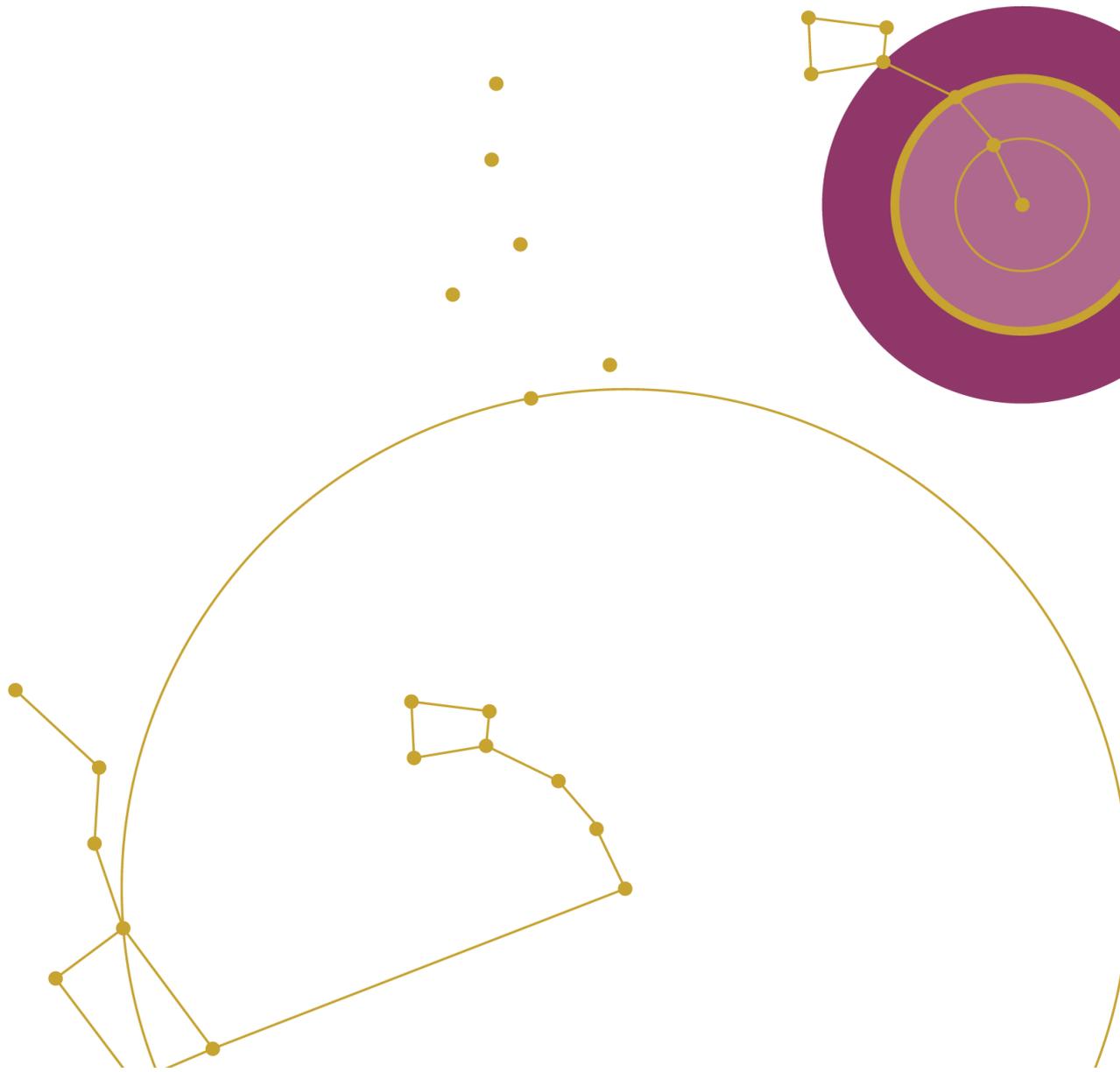
جامعة الإمام عبد الرحمن بن فيصل  
IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY

— كلية الصحة العامة —  
College of Public Health

# Teaching and learning circle

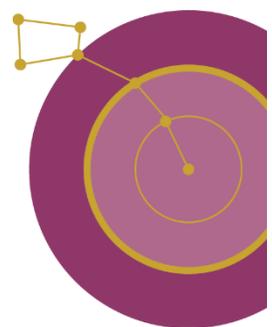
2020

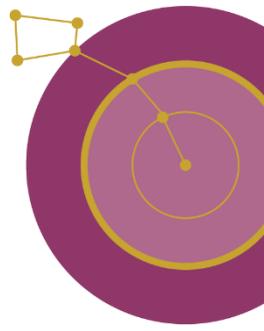




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## Introduction

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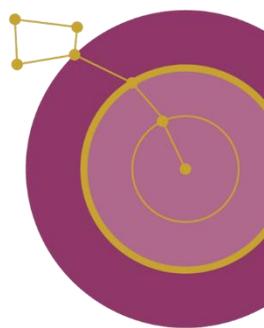
Teaching circle initiative at college of Public health started at February 2018. It aimed to improve faculty academically, scientifically and professionally by exchange experience. The workshop is one to one and half our long, All the workshops materials were documented and made attainable for faculty.

A summary of the workshops and the main recommendation is summarized in this book.

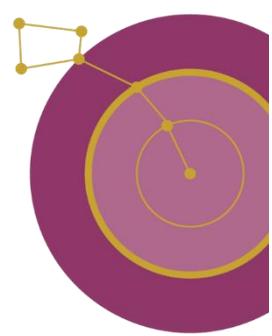
# College of Public Health

## Teaching and learning circles for Faculty

	Activities Implemented	Date	Learning circle presenter
1	Teaching circle: Hands on experience – Feedback protocol in work environment	15/2/2019	Dr. Khalid Al-umran
2	Launching of Strategic Plan	27/2/2019	Dr. Arwa Althumairi Ms. Asma Al-Fayez
3	Teaching circle Graduation project journey	03/07/2019	Dr. Saja abdullah Al-Rayes
4	Teaching circle: Did You Achieve Your Course Learning Outcomes “CLOs”?	05/02/2020	Dr. Mahmoud Berekaa
5	Teaching circle: Choosing the best journal	19/2/2020	Dr. Arwa Al-umran
6	Teaching circle: Survey validation: the practice vs the ideal	26/02/2020	Dr. Saja abdullah Al-Rayes
7	Teaching circle: the importance of innovation	16/09/2020	Dr. khaled salama
8	Teaching circle: Saudi Model of Care	07/10/2020	MS. Beyan AbdulRahman Hariri
9	Teaching circle: Digital Public Health and COVID-19: Epidemiological aspects and digital mitigation tools4)	21/10/2020	Dr. Robert Istepanian
10	Student-Centered Learning: Myths, Realities and Enabling Strategies	11/11/2020	Dr. Mohamed M. Al-Eraky



# Teaching circles for Faculty



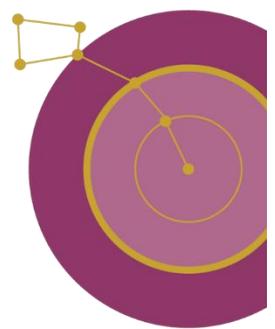
## 1. Teaching circle: Hands on experience – Feedback protocol in work environment

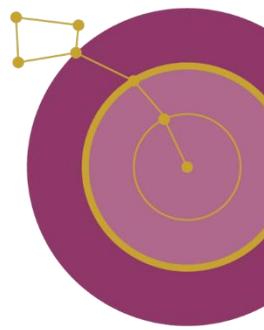
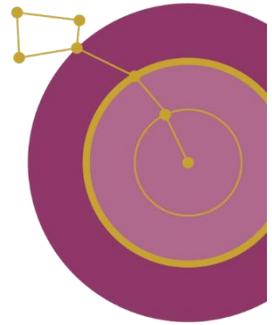
Presented by external speaker Dr. Khalid Al-umran. Dr. Khalid highlight the ideal environment of academic field based on his long expertise in the field of teaching in healthcare and academic sector. He encourage the audience to express their constructive critique on a teaching material, teaching methods and other activities that is conducted in the field. He strongly comments on choosing the right time and the right person to give a feedback when it has been requested to do so.

### Recommendations and suggestions:

1. Engage feedback environment.
2. Don't give feedback without request.

- **Number of attendees: ( 15 )**
- **Pictures of the workshop :**







## 2. Launching of Strategic Plan

Presented by strategic plan committee, A summary of the college strategic plan were illustrated along with a note of the current achievement.

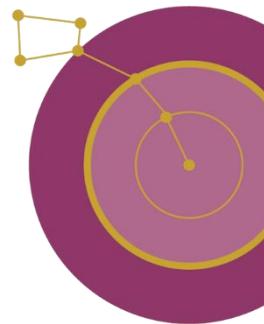
The strategic plan was done after a one year analysis by tam from the college and DQA.

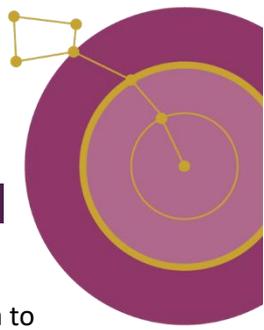
The plan were distributed to faculty via email.

### Recommendations and suggestions:

1. Build an execution plan
2. Allocate strategic executive plan unit
3. Assign tasks and write report.

- **Number of attendees: ( 14 )**





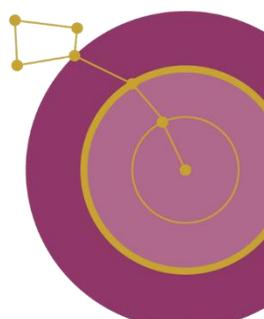
### 3. Teaching circle Graduation project journey

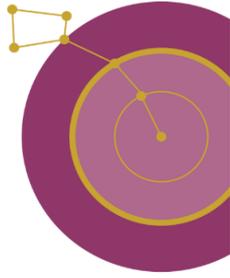
Presented by Dr. Saja Al-Rayes a member in the college of Public Health to enrich the faculty about the ideal method to conduct a graduation project from the way of identify the study area to the submission of the report. The workshop highlighted the challenges and success experiment since the adapting of this method as a way of assessment.

#### Recommendations and suggestions:

1. The graduation project better to be starting from semester1, to attain ethical approval or during the summer break to avoid any delay in data collection process.
2. student should be given a specific tasks, gradually to built their project
3. Distrebutate tasks among groups based on student strength and limitations, reduce group work issues and guide them to work successfully in a group.

- **Number of attendees: ( 20 )**
- **Pictures of the workshop :**





#### 4. Teaching circle: Did You Achieve Your Course Learning Outcomes “CLOs”?

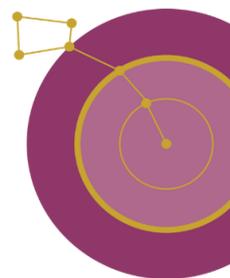
The workshop discussed how to assess different learning outcomes of the course and to measure the level of achievement in each learning domain for improvement purposes.

#### Recommendations and suggestions:

1-it is important to analysis of OMR exam’s results and add feedback though the course report.

2- Assessment of CLOs (using data worksheet template), map all course work in the CLO sheet with student grades to assess courses achievement in a learning outcome scale.

- **Number of attendees: (27)**
- **Pictures of the workshop :**





## 5. Teaching circle: Choosing the best journal

The workshop is concerned with facilitating the task for faculty members because there is the most appropriate journal to publish their research publications in it in accordance with the university's laws for scientific publishing.

### Recommendations and suggestions:

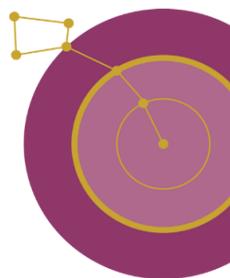
The talk can be summarized to four points as follows:

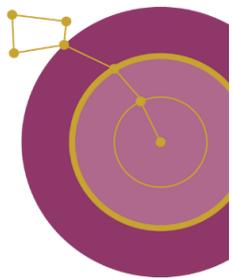
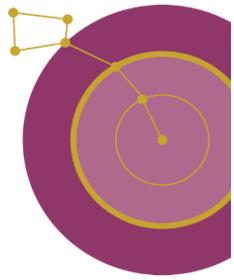
- 1- after finalizing the manuscript we need to use "the Journal Suggestions" using Google. Many publishers have their own journal suggester. For example: <https://journalsuggester.springer.com/>
- 2- Add the project Title, abstract, keyword, and research area, then the database will provide you with suitable suggested journal. Journal metrics could include acceptance rate, impact factor, and average response time.
- 3- Use the ISSN number of the suggested paper and compare it with university accepted list: (<https://www.iau.edu.sa/en/administration/offices-of-the-vice-presidents/office-of-the-vice-president-for-postgraduate-studies-and-scientific-research/scientific-council/scientific-council-services/the-approved-journals-lists-for-promotion>).
- 4- Make sure you select a journal that is approved by scopas and is within IAU list of journals.

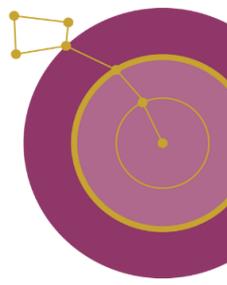
A few comments from the audience included:

- Dr.Turki stated that any research that is published with students the publication fees will be repaid back.
- Dr Duaa stated using some words used in the journal scope in your abstract and discussion part will help you be accepted or at least move to the review process.
- Dr. Elfateih stated citing articles from the same journal you contacted could increase your chance of acceptance.
- Dr.Saja stated asking the students to work in manuscript style in preparing their assignment (graduation project, thesis) will simplify the publication process.
- Lec.Heba learned from Prof. Bah that checking the editorial board's composition and affiliation help in filtering out journals that are potentially biased.' That is of most faculty members are from the same nationality, thus their views will be set a certain area or way of writing.

- **Number of attendees: (20)**
- **Pictures of the workshop :**







## 6 .Teaching circle: Survey validation: the practice vs the ideal

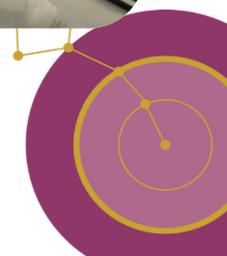
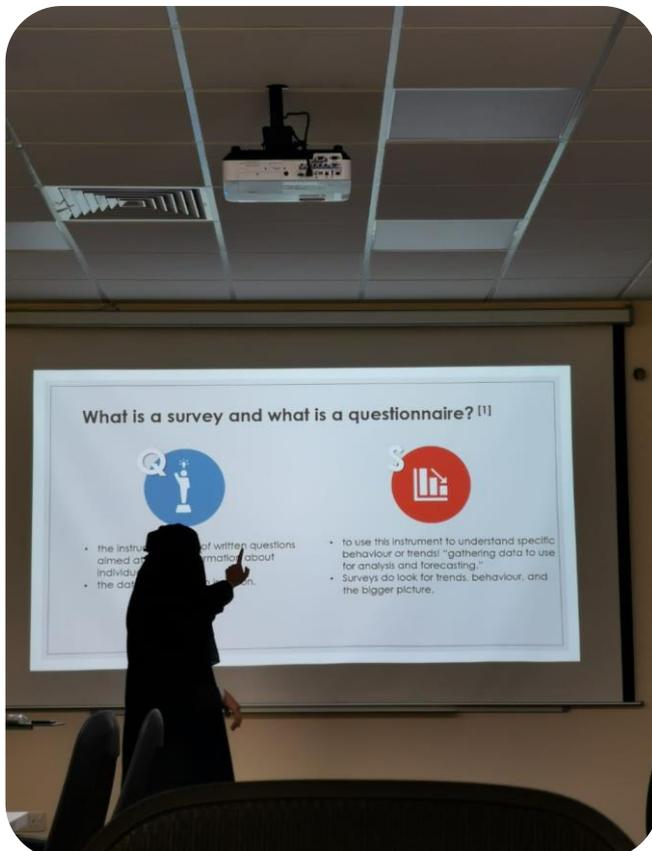
What is a survey and what is a questionnaire?

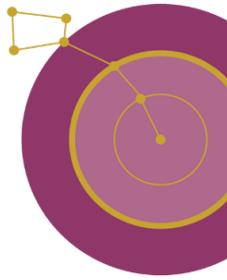
A questionnaire is the instrument “a list of written questions aimed at getting information about individuals”. The data is analyzed in isolation to check its validity and reliability, to understand specific behavior or trends! “gathering data to use for analysis and forecasting.”

Surveys do look for trends, behavior, and the bigger picture.

### Recommendations and suggestions:

1. Questionnaire validity and reliability is essential to assure the result is valid and generalizable.
2. face and content validity should be done before circulating of a questionnaire.
3. The feasibility of the study can be done retrospectively, by assessing consistency of the responses using specific statistical test (Cronbach Alpha).
  - **Number of attendees: (27)**
  - **Pictures of the workshop :**





## 7. Teaching circle: the importance of innovation

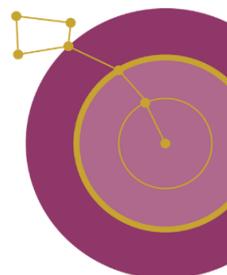
This workshop summarizes the importance of innovation, how to start the idea, who is responsible for granting your accomplishment.

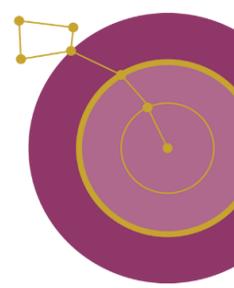
The workshop explains the process of innovation from generating idea until executing the project, including documenting the innovations right and patent copy right.

### Recommendations and suggestions:

1. find your innovation pathway, program, application or material based project.
2. read other accomplishments to generate your own thought.
3. seek for expert opinion to direct you to the right channel to execute your plan.

- **Number of attendees: (23)**
- **Pictures of the workshop :**





## 8. Teaching circle: Saudi Model of Care

The model of care is been transformed to achieve Saudi Arabia 2030 vision. The first stage that was planned to attained by 2020, was reviewed in this session.

The Ministry of Health faces six major challenges

- Get services
- Disease burden
- Quality and safety
- Financial sustainability
- Man power
- Digital transformation

The main goals were: patient centered data, electronic or distance healthcare services, healthy lifestyle, patient self management..etc.

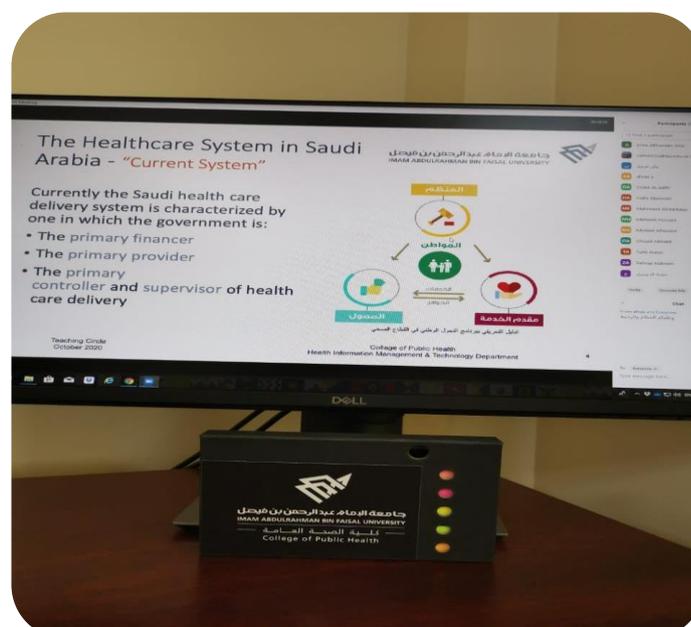
### Recommendations and suggestions:

The college needs to adapt these goals in their curriculum in terms of: teaching, training, and research.

- The health sector is proud of many achievements in the field of health care in terms of employing staff Saudi Health Ministry; Raise the average life expectancy; Reducing infant mortality; Increasing vaccinations; And create Numerous concerned academic institutions, public health care facilities, and others.
- There are three main tasks overlapping and intersecting significantly; And leads Intersection of these missions reduces speed Developing the health sector to appropriate levels Aspirations of the wise leadership and the citizens .
- These tasks are: The regulator and the legislator, Service provider, The taxpayer
- The development of the health sector components is the financing of the National Health Insurance Center.

▪ **Number of attendees: (26)**

▪ **Pictures of the workshop :**



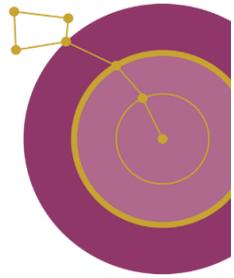
What is Health?

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"health is a state of complete **physical, mental and social wellbeing** and not merely the absence of disease or **infirmity**" The World Health Organization

Teaching Circle  
October 2020

College of Public Health  
Health Information Management & Technology Department



Tha National Transformation program – "Key Challenges"

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IMAM ABDOULRAHMAN BIN FASAL UNIVERSITY

**الجودة والسلامة**  
تتامي المخاطر في  
العمليات الصحية بسبب  
تفاوت معايير الجودة الطبية  
ومعايير سلامة المريض.

**عبء الأمراض**  
ارتفاع معدلات الأمراض  
المزمنة والسموم  
ظهور تشوي الأوبئة  
والأمراض المعدية.

**الحصول على الخدمة**  
عدم القدرة على توفير  
الخدمة الصحية اللازمة  
في الوقت والمكان  
المناسبين.

**التحول الرقمي**  
عدم وجود نظام  
متكامل لتكنولوجيا  
المعلومات لخدمات  
الرعاية الصحية.

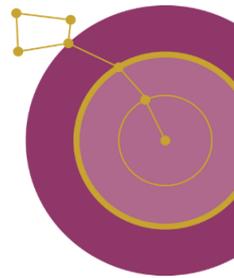
**الاستدامة المالية**  
الارتفاع المتسارع في  
تكلفة الرعاية الصحية في  
وقت تواجه فيه المملكة  
تحديات اقتصادية متنامية.

**القوى العاملة**  
الاعتماد المتزايد على  
الكفاء الأجنبية في ظل  
نزول المواطنين  
بناخبين عن العمل.

نقل التعريف برنامج التحول الوطني في القطاع الصحي

Teaching Circle  
October 2020

College of Public Health  
Health Information Management & Technology Department



Tha National Transformation program – "Model of Care"

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IMAM ABDOULRAHMAN BIN FASAL UNIVERSITY

The new model of care has been developed to answer six question:

1. How will the system help to **keep me well**?
2. How will the system support me when I have an **urgent problem**?
3. How will the system support me to have a **great outcome** for my planned procedure?
4. How will the system support me to **safely deliver a healthy baby**?
5. How will the system support me with my **chronic conditions**?
6. How will the system support me with compassionate care during the **last phase of my life**?

Moh Transformation Strategy

Teaching Circle  
October 2020

College of Public Health  
Health Information Management & Technology Department

## 9. Digital Public Health and COVID- 19: Epidemiological aspects and digital mitigation tools4)

This workshop is focused on COVID-19 recent topic and the research challenges of COVID-19.

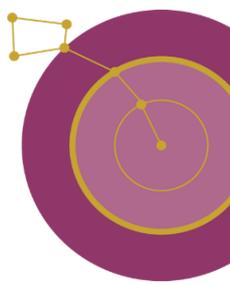
### Recommendations and suggestions:

1-Research; To establish and put forward the case for support for ' IAU\_ COVID-19 digital Public health Research Initiative'. This initiative is based on the request for university funding ( within current funding cycle) of three projects of two years duration ( with total of 600,000 Saudi Royals) in the areas related to digital Pubic health and COVID-19 and key local challenges

2-Create two themes need to be within (i) the priority and importance to the college and the staff involve in it (ii) of local public health priority and these need to have a medical collaboration ( clinical collaborators) with King Fahad or other local hospitals in the Dammam area/ Eastern province.

3- Write proposal for a ' Digital Public Health ' program, includes areas such as AI and predictive analysitics for public health, smart mobile health systems for public health ( m-Health 2.0, digital technologies of infections diseases and pandemic mitigation etc.

- **Number of attendees: (23)**
- **Pictures of the workshop :**



## 10. Student-Centered Learning: Myths, Realities and Enabling Strategies

This workshop summarizes the best practice in involving students in the learning process, then how to be an independent learner with an expert supervisor.

These were 5 common mistakes in about student center learning, the instructor presented these with the alternative truth.

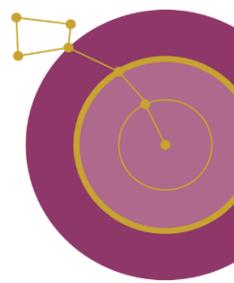
- Myth1: Student should plan their self-directed learning activities
- Reality1: teacher should be the one to plan student's activities.
  
- Myth2: Learners are digital natives.
- Reality2: Maybe, but they are like butterflies on hyperlinks.
  
- Myth3: Google is the best teacher.
- Reality3: No! student and teachers should have a shared control
  
- Myth4: Students can decide their learning outcomes.
- Reality4: No! they don't view the big picture or future expectations.
  
- Myth4: SPICES strategies are universally applicable.
- Reality4: No! you need to make your own home-made spices.

The strategy of student center learning will be attained after achieving the 10 criteria these are:

1. Learning outcome
2. Task to be done.
3. Time allocated to work.
4. Learning approach.
5. Short listed resources.
6. Deliverable (product)
7. Submission approach.
8. Time allocated to present.
9. Assessment criteria.
10. Feedback /Reflection.

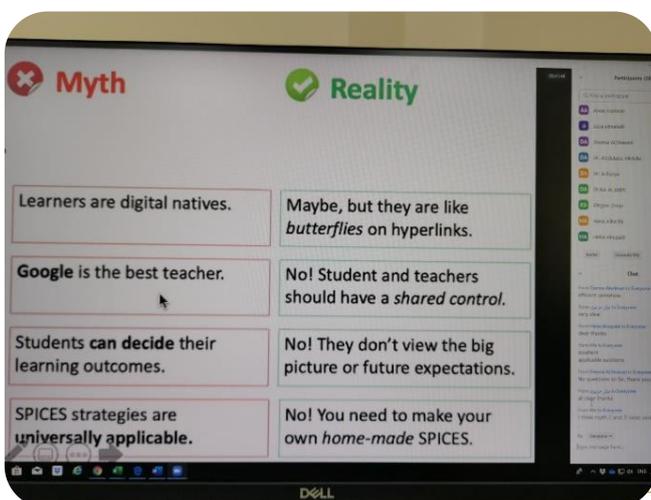
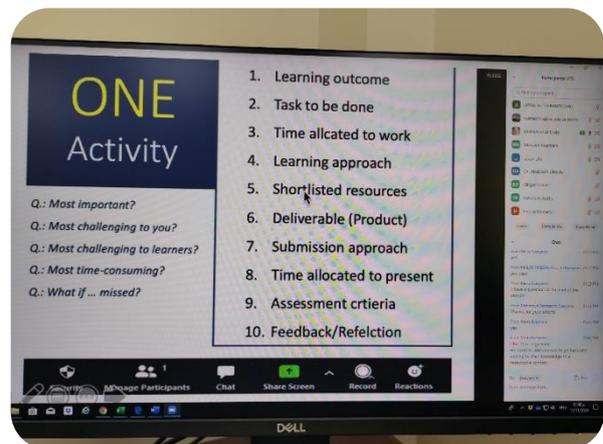
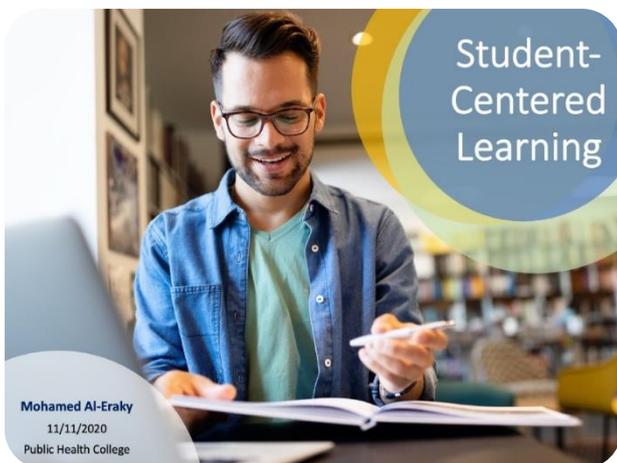
Examples: Assessment of clinical Reasoning

- Clinical reasoning skills.
- Phase1: They will work in groups (3 each from the same dept.) for 20 minutes to develop 5 script concordance items in 5 slides (PPT), in view of the given articles.
- Phase 2: Each group will be given 10 minutes to present their items and solicit feedback from other colleagues and instructor.
- Phase: Instructor will summarize the common best practices and shortcomings and propose questions for reflection, e.g. what are challenges for using script concordance items, ... etc.



## Recommendations and suggestions:

- Give student tasks that covered the main 10 elements (specific achievement, reasonable time constrain, what will be assessed, proper feedback within expected time)
- Student should be giving a small task per time to achieve the full tasks, e. g: if you want student to do a critical appraisal report start by dividing tasks to mini tasks such as critique two papers with specific guideline, by end of the semester they will review 10 papers.
- Let student be prepared by reading specific references and chapter of the book as an assignment to let them learn how to not be focusing on one sources.
- - **Number of attendees: (25)**
  - **Pictures of the workshop :**



Supplement

## A shared file in One Drive in link:

[https://udksa-my.sharepoint.com/:f/g/personal/salmazrou\\_iau\\_edu\\_sa/Etax31gYVaFFoxDQUIEQsY0BgPT0zvUabxqy-M3yoTxRfg?e=5hlCTJ](https://udksa-my.sharepoint.com/:f/g/personal/salmazrou_iau_edu_sa/Etax31gYVaFFoxDQUIEQsY0BgPT0zvUabxqy-M3yoTxRfg?e=5hlCTJ)

## Prepare :

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Ms. Suaad AlMazrou

Vice Dean of the College of Public Health for Quality, Development and  
Community Service secretary

## Audit and review :

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Dr. Arwa Abdulrahman Althumairi

Vice Dean of the College of Public Health for Quality, Development and  
Community Service

