



Ministry of Higher Education and Scientific Research

University of Basrah

Al-Zahraa College of Medicine

Department of Microbiology

Date: 11/12/2019

Proposal for HEP Grant

“University Laboratory for encouraging the secondary students.”

A. Description the purpose of this grant in detail.

The aim of the project is to create a University laboratory for training of secondary school students. The idea is: The University of Basrah, Basrah, Iraq is going to set up a building for scientific museum in the university in Bab Alzubair University site. The project is to create an University laboratories in this site of museum. We talk with the University chancellor Prof. Dr. Saad Shahin Hamadi to add the laboratory activities to the museum and he was very hopeful to do that.

The project will include the following activities: 1- Science laboratory, 2- home economy 3- leadership activities 4- Planting space and Green House.

The project requirement will include the following"

1- Building space, (This will be from University of Basrah).

2- Equipment like large human body parts model , Teaching Microscopes , Data show machines, TVs, training programs, CCTV, Teaching physics equipment ...etc. and (these will cover from the grant)

3- Curriculum and Training (this is the main and critical point to cover from the grant).

As you may know, here in Iraq we do not have like this laboratory and it will be the first laboratory in all Iraqi Universities. We do not know the curriculum of such laboratory which already presence in the USA and many other countries. We will need help in curriculum and training how we can manage this project, which activities are important to give to each

student level. So, the idea is to send teachers to one of the respective collaborator University in the USA to get the curriculum and the training. We will send four teachers to train there and return to get manage the laboratory.

Three visiting group will be enough to get the training requirement and we will be ready to train student then.

Time and activities: The activities will start soon after get the curriculum and training. Student will get randomly at first from about 15 schools in Basrah Province. we hope we can then get the information about the ambitions and the tendencies of the students from the school teacher to manage their attendance to the Laboratory activities which chime in with their needs.

we hope to cover schools in a space about 10 km from the laboratory site. Girls and children will join these activities partially in school time and more in summer holiday. In addition to that the laboratory will give duties to the student to publish their magazine about the laboratory and the their activities. Then the laboratory will use Press House of Basrah University to print the magazine. Patent and solve problems will be on our view .

B. How would your proposed project help your university?

Recently, we found a weak student join to the university with no sole for future. The always think far from what they can do. We think that the project will make the student need to the university life and they will like to be success in their future. Many university teacher said they encourage to their specialist because they like certain teacher or idea. Here we will help student not just love the science as pure subjects, but make science and creation as a part of these student to create ideas in their mind which as a result will make them successful to get a good job after getting a degree.

Leadership program help student to manage their live and affect others who need help. also we will encourage them to be a good leader in their job. By using a scientific manager ideas and personal effects.

We think that, the student will change their future and as a result the country future will be better. Teachers who involve program will be highly effects to the university student when they teach them, and will change learning role . On the other hand, this laboratory will be would wide one and that will change the rank of the university.

C. What resources does your university currently possess that will help you in implementing your proposed project?*

As mentioned, The University of Basrah has a specific building space for the laboratories. They will support the project. Also, facilities like chairs, tables, screens and white board will be served from the university. In addition, Al-Zahraa College of Medicine has a collaboration with many other Colleges in the University like College of Economy, College of Art, College of Agriculture and Marine Life College. All they will be more than happy to help in the project by their members.

D. What are three results that will show that this project is successful?

A good plan and best management achieves better results. We think that the project will be ready to done because we have a space and facilities for doing so.

The three results that we believe they show the project successful are:

- 1-We think the project will create an ambitious scientists to be creators and solving problems in our countries.
- 2- These students will be leaders and we support them to set up youth centers to help others. They will be a model of successful youth in the society.
- 3- The lab will make student open mind and know what they need to be and how they use their ability to get what they needs.

E. Describe in detail specific steps or activities you will take to successfully complete this grant

To start doing this project, we will need help from University of Basrah, Basrah, Iraq and some other Colleges and universities like southern technical university and College of Art, Agriculture, Economy, Marian College.

First: we already talk with Chancellor of the University and we will going to get an official acceptance from the university to use a space of the museum building. Then the teachers in Alzahraa College of Medicine will be ready to involve to this program. We will choose some teachers according to their specialist in addition to more other teacher from other colleges.

Second : We will program these teachers as groups, a group for manage the space to be fit with the activities, other group (10 teachers) will send to get training in the collaborator university. Then the groups will exchange their activities.

Third: After getting the curriculum and finishing the first training program in a collaborator university, we will group the activities a according to the curriculum and what the priorities of

these activities. we think that the psychologists in Alzahraa College of Medicine, Dr. Abbas Jumaa and his colleagues will help the student to understand the effect of these activities in their life. we will invite 20 student each week.

F. Who will benefit from your proposed project and how? Please indicate the approximate projected numbers of direct participants and indirect beneficiaries. *

The project targets students in secondary schools before the college stage, it will be 15 schools in first 3 months, then 10 schools each month. 20 students from each school will attendance the laboratory. In three months, 300 students will train in different activities, then 200 student more each month. In addition, five college will involve in the project, Alzahraa College of Medicine, College of Economy, College of Agriculture , College of Art , Nursing College and college of Marine life . Five teacher will join the training from each College, so the total teachers will be 30 teacher. The project aims to push students to create youth center, which may serve more than 200 members each year. In addition to the leaflets that the laboratory will publish 1000 number of leaflets each years which may be seen from 1000 pupils.

G. How will you make sure this project continues after the small grant ends? What resources will be needed from your university to ensure this? Who in your university will help make sure this project continues?

As mentioned, we will use the museum building which set up from University of Basrah, and we have a verbal approval from the chancellor of the University to set up the laboratory in. This will make the project space ready any time. Teachers, who got a good training in collaboration University will be the source of continued the project, also if we create the project magazine and youth center these will guarantee us the activities to be continues. We will need to be connected with collaborated University to be updated with any change in the curriculum and any new activities. Also we will let the student to be tutors for students who beyond them . This will create a new generation of students like to be leader and creator to help others and we believe this will be the fuel for continuing project.