

**Detailed List of SERVICE CONTRACTS  
& MOUs**

## SERVICE CONTRACT - 1

**Title:**

*Modernization and Development of the Medical Curriculum at the Imam  
Abdulrahman Bin Faisal University*

**Institution / Country:**

Monash University, Australia

**Year:**

2010 - 2019

**College / Department:** College of Medicine

### Objectives

1. Through entering into this SERVICE CONTRACT with MU, IABFU seeks to develop and deliver a globally recognised Bachelor of Medicine Bachelor of Surgery (MBBS).
2. MONASH will hand over to IAU by 01 January 2018, all curriculum materials for courses to be taught during the 6th year of the program. These materials are to include (as applicable for each course):
  - a. Course guides.
  - b. Course aims.
  - c. Course objectives.
  - d. Specification of learning outcomes to be acquired by students.
  - e. Learning materials and resources including logbooks, rotation guides, presentations and other learning activities as appropriate for students and staff as appropriate.
  - f. Summative and where available formative assessments including answers to assessments.
  - g. Access to previous assessment materials.
  - h. List of required texts and library books.
  - i. List of required reference materials / reading materials.
  - j. List for clinical experience skills.
3. MU will provide training to IAU staff on the clinical supervision and teaching required for the implementation of the IAU sixth year course and/or Monash Year 6 program.
4. MU will allow IAU staff of the all Monash Years program to visit MU for appropriate training and to observe the implementation of the course on site at MU after 30 January 2018.

## SERVICE CONTRACT - 2

### Title

Toward Curing of beta-thalassemia with iPS cells

### Institution / Country

The University of Queensland, Australia

### Year

2011 - 19

**College / Department:** PMCRCS / Biochemistry & Pediatrics Departments

### Objectives

The two institutes agree to collaborate in conducting a joint research proposal entitled "Towards Curing of beta-thalassemia with iPS cells". The two institutes agree to collaborate in conducting a joint research proposal entitled "Towards Curing of beta-thalassemia with iPS cells". During normal erythrocyte formation the two globin chains are produced at balanced levels. Any disruptions resulting in an excess of either chain has significant, deleterious effects on red cell survival, a situation most clearly illustrated by the thalassemias, which are commonly inherited hemoglobinopathies characterized by reduced hemoglobin synthesis and affect an estimated 7% of the world's population and 1.5% of certain Saudi Arabian citizens.  $\beta$ -thalassemia is due to gene mutations resulting in reduced beta-globin expression and excess unbound alpha-globin chains. When both copies of beta-globin are defective, excess alpha-globin chains form large insoluble precipitates in the cell causing membrane damage and resulting ultimately in premature cell death. One can envisage two strategies to correct this defect; replace the defective beta-globin gene(s) or reduce the expression of alpha-globin. To provide a cure for  $\beta$ -thalassemia, we propose to test both strategies in human patient specific iPS cells. This has the advantages that a) there is no immunological rejection problem b) iPS cells are amenable to gene targeting and/or shRNA knock-down strategies c) iPS cells can be differentiated into hematopoietic stem cells that can be delivered to patients. On completion of the project, all involved investigators in both institutes will share any publication arising from the project. Personnel from the University of Queensland will perform the reprogramming in collaboration with personnel from IAU.

## SERVICE CONTRACT - 3

### Title

A Genome wide association study of Coronary Artery Disease in the Eastern Province of Saudi Arabia

### Institution / Country

University Medical Center, Utrecht, The Netherlands

### Year

2011 - 19

**College / Department:** Biochemistry & Internal Medicine Departments, IAU

### Objectives

The two institutes agreed to collaborate in conducting a joint research proposal entitled "**A Genome wide association study of Coronary Artery Disease in The Eastern Province of Saudi Arabia**". In this project, **DNA** samples from 1000 patients who have been clinically diagnosed with coronary artery disease and DNA from 1000 sex- and age-matched controls will be extracted at the Research Laboratories at the University of Dammam. These samples will be sent to University Medical Center Utrecht Research Laboratories to be loaded onto the Illumina HumanOmni 1-Quad BeadChip and processed on the Illumina iScan System using the procedures recommended by the manufacturer as the first stage of a genome association study. The University of Utrecht will provide full access to the Illumina system and support. The funds for purchasing the HumanOmni 1-Quad BeadChip will be provided by the University of Dammam. These funds will be remitted to the University Medical Center Utrecht prior to any purchase being made by University Medical Center Utrecht. On completion of the project, all investigators involved in both institutes will share any publication arising from the project. Personnel from University Medical Center Utrecht will be performing the typing.

## **SERVICE CONTRACT - 4**

### **Title**

Development of a SNP genotyping assay for rapid and simultaneous detection of Mycobacterium Tuberculosis Complex to the species level, genotyping of M. tuberculosis isolates and detection of drug resistance.

### **Institution / Country**

University of Strasbourg, France

### **Year**

2011 – 2016

**College / Department:** PMCRCS / College of Medicine, IAU

### **Objectives**

The two institutes agree to extend their collaboration in conducting a joint research proposal entitled “Development of a SNP genotyping assay for rapid and simultaneous detection of Mycobacterium tuberculosis Complex to the species level, genotyping of M. tuberculosis isolates and detection of drug resistance, Sequencing Approach”. The goal of this project is to develop an innovative assay to rapidly and simultaneously identify MTBC at the species level, differentiate relevant phylogenetic groups and detect drug resistance to first-line anti-tuberculosis drugs. The assay will be based on the genotyping of species-specific SNPs, phylogenetically informative SNPs and SNPs involved in drug resistance (around 30 SNPs). The SNP typing method that will be used is the iPLEX Gold technology on the MassARRAY® Platform (Sequenom). This protocol has been developed at the Laboratories of Professor Bertrand Ludes at the University of Strasbourg. Our major objective is to use this method and compare M. tuberculosis resistant species prevalent in our area. This will facilitate the future early diagnosis of tuberculosis and help in the transfer of this technology. The funds will be remitted to the University of Strasbourg prior to any purchase being made by the University of Strasbourg. On completion of the project, all involved investigators in both institutes will share any publication arising from the project. Personnel from the University of Strasbourg will perform the typing.

## **SERVICE CONTRACT - 5**

### **Title**

Collaboration with college of dentistry

### **Institution / Country**

Loma Linda University, School of Dentistry, USA

### **Year**

2012 - 2015

**College / Department:** College of Dentistry, IAU

### **Objectives**

Loma Linda University School of Dentistry (LLSD) agrees to collaborate with College of Dentistry at the University of Dammam through the participation of its faculty in the academic and teaching activities at the College of Dentistry. This collaboration encompasses hosting visiting professors from LLU, exchange of students, exchange of academic material, information, documentation, and audiovisual material. The two institutes will also collaborate in conducting joint research activities. On completion of these activities, all involved investigators in both institutes will share any publication arising from the project.

### **Specific Objectives**

- Anticipated participation of seven faculty members from the LLU from different dental specialties/disciplines of the School of Dentistry in teaching courses with the academic team at the University of Dammam.
- The duration of each member's participation at UD will be for one month (30 days)
- LLU/LLUSD participating faculty may be asked to provide didactic courses/lectures, teach clinical procedures/staff clinic, or both in their respective discipline.
- LLU/LLUSD participating faculty will exchange academic course/lecture material, information, documentation, publications, and audiovisual material needed to perform their didactic and clinical teaching activities.

## **SERVICE CONTRACT - 6**

### **Title**

Genetic Basis of Fetal Hemoglobin in Saudi Sickle Cell Anemia

### **Institution / Country**

Boston University, USA

### **Year**

2012 - 19

**College / Department:** PMCRCS / Pediatrics, IAU

The two institutes agree to collaborate in conducting a joint research project entitled "Genetic Basis of Fetal Hemoglobin in Saudi Sickle Cell Anemia" (the "Project"). Sickle cell anemia, an orphan disease of African Americans, is noted for its extensive morbidity and high mortality. HbF is the most powerful modulator of the clinical features of these diseases and is regulated as a multigenic trait. Only one FDA approved drug is available for its pathophysiologically-based treatment and this agent, hydroxyurea, works through its ability to induce fetal hemoglobin (HbF) expression, which thwarts sickle hemoglobin polymerization. Not every patient responds to treatment and additional HbF inducing drugs are needed. Our goal is to study unique patient groups with diverse FIbF levels using an experimental design that employs an integrative analysis incorporating data from completed genome-wide association studies (GWAS), next generation sequencing of DNA and gene expression in erythroid progenitors, which will be subjected to sophisticated bioinformatics to identify candidate loci that might harbor functional variants. Our study populations include sib-pairs of Saudi Arabs indigenous to the Eastern Province with FIbF -11%, Saudi Arabs homozygous for the Saudi-Indian haplotype with HbF -2A% . The Saudi cohort is particularly unique in that marriage between related individuals is common and the population is a genetic isolate with reduced heterogeneity. Classically, such populations are valuable in identification of recessive disease alleles. A comparison of HbF regulatory loci based on the genetic analysis we propose has never been done. By adding whole genome DNA sequencing in sib-pairs and family trios and erythroid cell gene expression studies in cases representative of these groups to already completed GWAS we can better prioritize loci for targeted genotyping to validate sequencing data in our larger patient groups. Validated loci that appear to be biologically important can then be selected for functional studies using bioinformatics. Functional studies will include transcription factor binding assays, enhancer activity studies and other in vitro studies aimed at finding functional variants responsible for FIbF modulation.

## SERVICE CONTRACT - 7

### **Title**

Research Collaboration: Screening for anticancer-genes

### **Institution / Country:**

Imperial College, UK

**Year:** 2012 - 2019

**College / Department:** College of Medicine, IAU

The two institutes agree to collaborate in conducting a joint research proposal entitled "Screening for Anticancer Genes" ("Services"). Apoptosis, the genetically regulated cellular suicide program, is activated by many anti-cancer compounds but based on their low specificity, serious side effects in patients are observed. This hampers the use of higher and more efficacious doses and hence the compounds cannot unfold their full potential in cancer treatment. Also, these compounds are restricted in their range of activities as in most cases they only inhibit other proteins. Recently, distinct genes were discovered that specifically induce cell death in cancer cells but spare normal cells. These so-called "anticancer genes" are the subject of this cooperation project. One anticancer gene has already been isolated using an approach that entailed a two-step screening process. The primary screen was done in a human tumor cell line and the secondary screen in an isogenic cell system with wild type normal rat kidney (NRK) cells and NRK cells in which the oncogene H-ras was inserted. As there is no oncogenic H-ras allele in the original human tumor cell, this screen targeted a cellular change common to many transformed tumor cells. The Parties hypothesize that when they, rather than attempting a two-step screen, perform the screen directly in cells with defined genetic changes relevant for tumourigenesis, this will lead to the isolation of many more anticancer genes.

Hence, the Parties will set up a screen for novel anticancer genes that cause cell death specifically in cells with engineered mutations relevant for tumor formation such as activated oncogenes or deleted tumor suppressor genes but not in their normal counterparts. The Parties will build on their experience with this approach and implement this screen with their custom-made robots in a defined genetic background. This will then allow development of the proteins of the anticancer genes into therapeutics as well as determine the targeted signaling pathways ("the Project").



## **SERVICE CONTRACT - 8**

### **Title**

Faculty development and consultation

### **Institution / Country**

Academy for Academic Leadership, USA

### **Year**

2013 - 2017

**College / Department:** College of Dentistry, IAU

### **Background**

AAL agrees to collaborate with College of Dentistry at the University of Dammam through its participation in the providing venues for faculty development and consultations. The two parties agreed on the following:

1. Introduction and appendices of this contract are part of the contract.
2. Responsibilities of AAL include the implementation of the development plan of the College of Dentistry.
3. Execute the programs for development in the premises of College of Dentistry or any other places determined by the University. These programs will be executed through training and development services which include training materials, working papers, theoretical materials and scientific problems. The schedule for these activities will be in line with College of Dentistry academic schedule.
4. Execution of the college of Dentistry development plan should be by expert and consultants very well known in the field and the university has the right to point out short coming in their work.
5. Faculty who have been trained and developed to examination approved by both institutions and the academy should conduct such test continuously.

## **SERVICE CONTRACT - 9**

### **Title**

Saudi Aramco Traffic Safety Chair at UD

### **Institution / Country**

Monash University, Australia

### **Year**

2013 - 17

**College / Department:** Saudi Aramco & IAU

### **Objectives**

SAUDI ARAMCO and the University agree that the objectives of establishing the Traffic Safety Chair are as follows:

1. To encourage the establishment and promotion of academic programs and actionable, scholarly and quality research in the areas of traffic safety.
2. To provide safety professionals with multi-disciplinary, comprehensive and action oriented world class professional development programs that aim to enhance the fundamental basis of knowledge, skills and abilities needed in fields such as highway safety engineering, traffic safety paramedic program, road user behavior, and injury prevention and control.
3. To plan, develop and successfully execute societal outreach through life long learning/continuing education programs that address highway crashes, injuries and fatalities, including development of effective and practical ways to prevent them.
4. To support scientific research in the area of traffic safety and use of technology to help develop traffic systems, training of workers in the sector of traffic safety through specialized programs, finding channels of communication worldwide with research centers specialized in this area.
5. To develop curricula, case studies, and group exercises for training programs in: a) problem identification, setting goals, selecting performance measures, and developing program plans; and b) evaluating highway safety programs and preparing annual reports.
6. To organize periodic workshops and seminars on Traffic Safety in coordination with SAUDI ARAMCO. Twenty-five percent (25%) of the capacity of the workshops and seminars will be reserved for SAUDI ARAMCO employees free of charge.
7. To enhance the intellectual investment and excellence at the University and SAUDI ARAMCO in the field of traffic safety management and engineering.
8. To organize and conduct short courses on Traffic Safety topics as suggested by SAUDI ARAMCO, in accordance with the rules and regulations governing short courses at the University.
9. To develop and publish quality publications and newsletters aimed at disseminating new trends and knowledge in traffic safety and engineering.

## **SERVICE CONTRACT - 10**

### **Title**

Saudi Aramco Traffic Safety Chair at UD

### **Institution / Country:**

Dr. Mohamed A. Abdel-Aty, USA

### **Year**

2013 - 17

**College / Department:** Dr. Mohamed A. Abdel-Aty, USA – Saudi Aramco & IAU

### **Goals**

*Excellence in Research*

### **Specific Objectives**

1. To encourage the establishment and promotion of academic programs and actionable, scholarly and quality research in the areas of traffic safety.
2. To support scientific research in the area of traffic safety and use of technology to help develop traffic systems, training of workers in the sector of traffic safety through specialized programs, finding channels of communication worldwide with research centers specialized in this area.
3. To develop and publish quality publications and newsletters aimed at disseminating new trends and knowledge in traffic safety and engineering.
4. To enhance the intellectual investment and excellence at the University and SAUDI ARAMCO in the field of traffic safety management and engineering.

## SERVICE CONTRACT - 11

**Title:**

Saudi Aramco Traffic Safety Chair at UD

**Institution / Country:**

Professor Mark Stevenson

**Year:**

2013 - 17

**College / Department:** Professor Mark Stevenson, Monash Australia -Saudi Aramco & IAU

**Goals:**

*Excellence in Research*

**Specific Objectives:**

1. To encourage the establishment and promotion of academic programs and actionable, scholarly and quality research in the areas of traffic safety.
2. To support scientific research in the area of traffic safety and use of technology to help develop traffic systems, training of workers in the sector of traffic safety through specialized programs, finding channels of communication worldwide with research centers specialized in this area.
3. To develop and publish quality publications and newsletters aimed at disseminating new trends and knowledge in traffic safety and engineering.
4. To enhance the intellectual investment and excellence at the University and SAUDI ARAMCO in the field of traffic safety management and engineering.

## **SERVICE CONTRACT - 12**

### **Title**

Establish and academic chair for Traffic Safety Chair

### **Institution / Country**

SAUDI ARABIAN OIL COMPANY

### **Year**

2017 - 2019

**College / Department:** Saudi Aramco & IAU

### **Objectives**

SAUDI ARAMCO and the University agree that the objectives of establishing the Traffic Safety Chair are as follows:

1. To encourage the establishment and promotion of academic programs and actionable, scholarly and quality research in the areas of traffic safety.
2. To provide safety professionals with multi-disciplinary, comprehensive and action oriented world class professional development programs that aim to enhance the fundamental basis of knowledge, skills and abilities needed in fields such as highway safety engineering, traffic safety paramedic program, road user behavior, and injury prevention and control.
3. To plan, develop and successfully execute societal outreach through life long learning/continuing education programs that address highway crashes, injuries and fatalities, including development of effective and practical ways to prevent them.
4. To support scientific research in the area of traffic safety and use of technology to help develop traffic systems, training of workers in the sector of traffic safety through specialized programs, finding channels of communication worldwide with research centers specialized in this area.
5. To develop curricula, case studies, and group exercises for training programs in: a) problem identification, setting goals, selecting performance measures, and developing program plans; and b) evaluating highway safety programs and preparing annual reports.
6. To organize periodic workshops and seminars on Traffic Safety in coordination with SAUDI ARAMCO. Twenty-five percent (25%) of the capacity of the workshops and seminars will be reserved for SAUDI ARAMCO employees free of charge.
7. To enhance the intellectual investment and excellence at the University and SAUDI ARAMCO in the field of traffic safety management and engineering.
8. To organize and conduct short courses on Traffic Safety topics as suggested by SAUDI ARAMCO, in accordance with the rules and regulations governing short courses at the University.
9. To develop and publish quality publications and newsletters aimed at disseminating new trends and knowledge in traffic safety and engineering.

## SERVICE CONTRACT - 13

### Title

Studies of Anticancer Genes

### Institution / Country

Imperial College, UK

### Year

2014 - 2019

**College / Department:** PMCRCS / Internal Med., IAU

The two institutes agree to collaborate in conducting a joint research proposal entitled "Screening for Anticancer Genes" ("Services"). Apoptosis, the genetically regulated cellular suicide program, is activated by many anti-cancer compounds but based on their low specificity, serious side effects in patients are observed. This hampers the use of higher and more efficacious doses and hence the compounds cannot unfold their full potential in cancer treatment. Also, these compounds are restricted in their range of activities as in most cases they only inhibit other proteins. Recently, distinct genes were discovered that specifically induce cell death in cancer cells but spare normal cells. These so-called "anticancer genes" are the subject of this cooperation project. One anticancer gene has already been isolated using an approach that entailed a two-step screening process. The primary screen was done in a human tumor cell line and the secondary screen in an isogenic cell system with wild type normal rat kidney (NRK) cells and NRK cells in which the oncogene H-ras was inserted. As there is no oncogenic H-ras allele in the original human tumor cell, this screen targeted a cellular change common to many transformed tumor cells. The Parties hypothesize that when they, rather than attempting a two-step screen, perform the screen directly in cells with defined genetic changes relevant for tumorigenesis, this will lead to the isolation of many more anticancer genes.

Hence, the Parties will set up a screen for novel anticancer genes that cause cell death specifically in cells with engineered mutations relevant for tumor formation such as activated oncogenes or deleted tumor suppressor genes but not in their normal counterparts. The Parties will build on their experience with this approach and implement this screen with their custom-made robots in a defined genetic background. This will then allow development of the proteins of the anticancer genes into therapeutics as well as determine the targeted signaling pathways ("the Project").

## SERVICE CONTRACT - 14

### Title

Medical licensing training program, USMLE Step 1

### Institution / Country

BECKER Professional Development Corporation (BH), USA

### Year

2014 - 2018

**College / Department:** College of Medicine, IAU

IAU and BH have entered into an agreement in relation to the conduct of the project “Development of a *Healthcare Academy* onsite at the University of Dammam” (**APPENDIX I**) which includes the parties entering into annual service contract with view to provide the following;

### 1. Pathway for International Medical Students and Graduates

1. USMLE Step 1: Integrated Basic Sciences for the Health Professional
  2. USMLE Step 2 CK: Integrated Clinical Sciences for the Health Professional
  3. USMLE Step 2 CS: Clinical Skills Workshops for the Health Professional
- 1.3.1 MCC Exam Preparation Programs fall underneath the heading of USMLE and will include specific question-based tools assisting students on their Medical Council of Canada examinations. Students obtaining ECFMG Certification are generally exempt from MCC required exams, except the Evaluating Examination.

### 2. Pathway for International Dental Students and Graduates (through our strategic partnership with Nova Southeastern University College of Dentistry)

1. NBDE Part I: Integrated Basic Sciences for the International Dentist
2. Onsite clinical skills simulation for Dental Continuing Education
3. 1-week Simulation lab practicum for NBDE Part I students onsite at NSU to facilitate US graduate admissions

## SERVICE CONTRACT - 15

### Title

Modernization and development of the Medical Curriculum (Service Contract – I)

### Institution / Country

Monash University, Australia

### Year

2014 - 2015

**College / Department:** College of Medicine, IAU

### Objectives

5. Through entering into this SERVICE CONTRACT with MU, IABFU seeks to develop and deliver a globally recognised Bachelor of Medicine Bachelor of Surgery (MBBS).
6. MONASH will hand over to IAU by 01 January 2018, all curriculum materials for courses to be taught during the 6th year of the program. These materials are to include (as applicable for each course):
  - k. Course guides.
  - l. Course aims.
  - m. Course objectives.
  - n. Specification of learning outcomes to be acquired by students.
  - o. Learning materials and resources including logbooks, rotation guides, presentations and other learning activities as appropriate for students and staff as appropriate.
  - p. Summative and where available formative assessments including answers to assessments.
  - q. Access to previous assessment materials.
  - r. List of required texts and library books.
  - s. List of required reference materials / reading materials.
  - t. List for clinical experience skills.
7. MU will provide training to IAU staff on the clinical supervision and teaching required for the implementation of the IAU sixth year course and/or Monash Year 6 program.
8. MU will allow IAU staff of the all Monash Years program to visit MU for appropriate training and to observe the implementation of the course on site at MU after 30 January 2018.



**SERVICE CONTRACT - 16**

**Title**

Sponsoring students of the College of Engineering

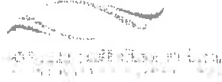
**Institution / Country**

General Electrics, USA

**Year**

2014 -20 19

**College / Department:** College of Engineering, IAU



## مقدمة

نظرا لرغبة الطرف الثاني في تقديم برنامج منح دراسية لبعض طلبة الطرف الأول المتميزين، وحيث أن الطرف الأول يرحب ببرنامج المنح الدراسية المقدم من الطرف الثاني، إيماناً منه بأهمية هذا البرنامج في إعداد نخب متميزة والحاقها بسوق العمل السعودي، عليه اتفق الطرفان وهما بكامل حريتهما وإرادتهما المعتبرة شرعا ونظاما على التالي:

أولاً: يقوم الطرف الثاني بالتنسيق مع الطرف الأول بوضع شروط انضمام الطلبة إلى برنامج المنح الدراسية وعددهم وفق إمكانيات الطرف الأول المتاحة.

ثانياً: يكون برنامج المنح الدراسية بناءً على اتفاق بين الطالب/الطالبة و الطرف الثاني، حيث أن على الطالب/الطالبة المستوفي شروط هذا الاتفاق أن يبرم مع الطرف الثاني عقد تقديم منحة دراسية يتضمن شروط الحصول على المنحة وكيفية سدادها و المحافظة عليه وما يترتب من آثار عند عدم استيفاء الطالبة لشروط الاستمرار في برنامج المنح، كما أن مكافأة الانضمام للمنحة المتفق عليها تدفع مباشرة إلى الطالبة، ولا علاقة للطرف الأول بعقد تقديم المنحة الدراسية.

ثالثاً: يقوم الطرف الأول بالسماح للطرف الثاني ومساعدته في ترويج برنامج المنح الدراسية في الجامعة وعرضه على الطلاب في المعارض الطلابية والاحتفالات والمؤتمرات المخصصة للطلبة التي ينظمها الطرف الأول على مدار السنة، على أن

## **SERVICE CONTRACT - 17**

### **Title**

Modernize and improve curriculum by incorporating problem-based training (PBL) and teaching methodologies for respiratory care students

### **Institution / Country**

Cardiorespiratory Educational Services, LLC, USA

### **Year**

2014 - 2019

**College / Department:** College of Applied Medical Sciences, IAU

The relationship between the University of South Alabama and Cardiorespiratory Educational Services, LLC. is based upon the copyright policy instituted by the University of South Alabama. Consequently, independently of the University faculty may engage in transactions such as the one we are attempting to consummate. Because the curriculum is owned by the faculty, the faculty must negotiate and transact business under a name and entity different from that of the University; hence, the reference to Cardiorespiratory Educational Services, LLC in the contract.

Through entering into this SERVICE CONTRACT with SERVICES, UD seeks to modernize and improve its curriculum by incorporating problem-based learning (PBL) and teaching methodologies for respiratory care students at UD. At the same time, because the faculty are the authors of and the owners of the curriculum that they created and developed, the University enables and grants the faculty the right to perform consultation and other intellectual property transactions with other academic institutions independently of the University of South Alabama

## **SERVICE CONTRACT - 18**

### **Title**

Residency Training

### **Institution / Country**

Royal College International, Canada

### **Year**

2014 - 2018

**College / Department:** College of Medicine, University of Dammam

The Royal College of Physicians and Surgeons of Canada (herein referred to as the Royal College) is the national, professional, not-for-profit association that oversees the medical education and training of specialists in Canada. The Royal College accredits the university programs that train resident physicians for specialty practice, and administers the examinations required for specialist certification to ensure that all specialists practice under a common standard of competence to improve the health and care of Canadians. Royal College International is a wholly owned subsidiary of the Royal College that has charitable status. Royal College International was created to promote and deliver programs and services on behalf of the Royal College of Physicians and Surgeons of Canada.

To establish a Collaborative Academic Partnership under this agreement which will provide the necessary support and infrastructure needed to organize and undertake those activities required to assist IAU to achieve its stated academic goals and objectives as they relate to the College of Medicine. In addition, UD commits to future accreditation of its postgraduate programs by the Royal College.

## SERVICE CONTRACT - 19

**Title:** Onsite health care Academy

**Institution / Country:** Becker Professional Educational, USA

**Year:** 2014 - 18

**College / Department:** IAU

IAU and BH have entered into an agreement in relation to the conduct of the project “Development of a *Healthcare Academy* onsite at the University of Damman” (**APPENDIX I**) which includes the parties entering into annual service contract with view to provide the following;

### **1. Pathway for International Medical Students and Graduates**

1. USMLE Step 1: Integrated Basic Sciences for the Health Professional
2. USMLE Step 2 CK: Integrated Clinical Sciences for the Health Professional
3. USMLE Step 2 CS: Clinical Skills Workshops for the Health Professional
  - 1.3.1 MCC Exam Preparation Programs fall underneath the heading of USMLE and will include specific question-based tools assisting students on their Medical Council of Canada examinations. Students obtaining ECFMG Certification are generally exempt from MCC required exams, except the Evaluating Examination.

### **2. Pathway for International Dental Students and Graduates** (through our strategic partnership with Nova Southeastern University College of Dentistry)

1. NBDE Part I: Integrated Basic Sciences for the International Dentist
2. Onsite clinical skills simulation for Dental Continuing Education
3. 1-week Simulation lab practicum for NBDE Part I students onsite at NSU to facilitate US graduate admissions

### **3. Inter-professional Continuing Education Programs** Continuing education programs through Becker’s partnership with Nova Southeastern University providing featured speakers to the all-inclusive medical community.

### **4. Pathway for International Nursing Students and Graduates** (from Summer 2015)

1. NCLEX for International Nurses and Trans-cultural nursing
2. Advanced Nursing Degree Programs through Chamberlain College of Nursing, a DeVry Education Group institution.

### **5. Allied Health for International Professions**

1. Certificate Courses for Medical and Dental Allied Health students through Carrington Colleges, a DeVry Education Group institution.

### **6. Other Provisions**

1. Intensive English Courses
2. English for Healthcare Professionals, including advanced Medical English
3. TOEFL and IELTS preparation
4. GRE preparation courses

## SERVICE CONTRACT – 20

### Title

Chair for Intra-Operative Radiotherapy

### Institution / Country

N C B, Saudi Arabia

### Year

2014 - 19

**College / Department:** College of Medicine, University of Dammam

Contract between University of Dammam, Dammam, Saudi Arabia  
And

Dr. Mohammad R. Keshtgar, Professor of National Commercial Bank Chair for intra-  
operative Radiotherapy for Breast Cancer.

### Introduction:

The parties shall make their best efforts to develop during the term of this contract certain joint research through regular meetings and *bona fida* negotiations and in connection with each joint research to determine the specific goals of the program the responsibilities of each party, the time table and the budget of the program; it being specified that the absence of agreement of the parties on any joint program shall not give rise to any indemnification or refund obligation by either party.

## SERVICE CONTRACT – 21

### Title

Modernization and development of the Medical Curriculum (Service Contract – II)

### Institution / Country

Monash University, Australia

### Year

2015 - 2016

**College / Department:** College of Medicine, IAU

Through entering into this SERVICE CONTRACT with MU, IABFU seeks to develop and deliver a globally recognised Bachelor of Medicine Bachelor of Surgery (MBBS).

1. MONASH will hand over to IAU by 01 January 2018, all curriculum materials for courses to be taught during the 6th year of the program. These materials are to include (as applicable for each course):
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  - v. Course aims.
  - w. Course objectives.
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  - y. Learning materials and resources including logbooks, rotation guides, presentations and other learning activities as appropriate for students and staff as appropriate.
  - z. Summative and where available formative assessments including answers to assessments.
  - aa. Access to previous assessment materials.
  - bb. List of required texts and library books.
  - cc. List of required reference materials / reading materials.
  - dd. List for clinical experience skills.
2. MU will provide training to IAU staff on the clinical supervision and teaching required for the implementation of the IAU sixth year course and/or Monash Year 6 program.
3. MU will allow IAU staff of the all Monash Years program to visit MU for appropriate training and to observe the implementation of the course on site at MU after 30 January 2018.

## SERVICE CONTRACT – 22

### Title

Establish a Mathematics Education Centre & Mathematics Support Centre

### Institution / Country

Loughborough University, UK

### Year

2015 - 2016

**College / Department:** College of Engineering, IAU

This SERVICE CONTRACT is made on June 2015 and shall be effective from May 1, 2015, between Loughborough University Enterprises Limited (LUEL), UK and the University of Dammam (UoD), a higher education institution in Dammam, Kingdom of Saudi Arabia

### RECITALS:

- A. UOD was established in 1975 (previously known as King Faisal University – Dammam Campus). UOD aims to be a pioneering Professional University, committed to qualifying and graduating a professional workforce.
- B. Loughborough is one of the UK's leading universities, with an international reputation for research that matters, excellence in teaching, strong links with industry.

### BACKGROUND:

UOD and LUEL hereinafter enter into an agreement in relation to the conduct of the project "establish a Mathematics Education Centre and Mathematics Support Centre at the University of Dammam" which includes the parties entering into annual service contract with view to provide the following;

1. Establish a formal link between the University of Dammam and the Mathematics Education Centre at Loughborough University Enterprises Limited in furtherance of mathematics education.
2. Support academic staff in the University of Dammam in order that they can establish a Mathematics Education Centre focusing broadly on the mathematical education of engineering students, curriculum development, pedagogical practices etc.
3. Support the establishment of a Mathematics Support Centre at the University of Dammam for the benefit of its students.
4. Enable colleagues in the University of Dammam to operate independently of Loughborough University Enterprises Limited.



## SERVICE CONTRACT – 23

### **Title**

Professional Training & Institutional Consultation

### **Institution / Country**

Boston University, USA

### **Year**

2015 - 2017

**College / Department:** College of Medicine, IAU

BU and UOD have collaborated in research and other formal and informal initiatives and now would like to develop additional mutually beneficial educational, training, and research opportunities to further their respective academic missions. New initiatives may include enrollment of qualified faculty from UOD in BU graduate programs, professional training for UOD faculty, postdoctoral fellows, and/or technical staff, institutional consulting for UOD, academic exchanges and collaborations, and other activities as more fully described in Addenda.

BU and UOD anticipate entering into one or more additional Addenda for BU to provide:

- Research training, at appropriate levels, for UOD faculty, postdoctoral fellows, and/or technical staff in BUSM research laboratories.
- Institutional consulting for the Center of Research & Medical Consultations.

## SERVICE CONTRACT – 24

**Title** Promotion of Arabic language

**Institution / Country**

King Abdullah Bin Abdulaziz Centre for Arabic Language

**Year**

2015 - 2018

**College / Department:** College of Education, University of Dammam

تسعى المؤسستين للتالي:

1. التعاون بين الجانبين في تنظيم المؤتمرات والندوات ، وحلقات النقاش ، والدورات التدريبية ، في المجالات ذات الاهتمام المشترك.
2. التعاون بين الطرفين في مجال البحث العلمي ، والدراسات ذات الاهتمام المشترك ، وترجمتها ، وطباعتها.
3. تبادل الإصدارات العلمية والفكرية والثقافية بن الطرفين ( الكتب – المجلات – المطويات والمنشورات – الإصدارات الإلكترونية ) .
4. تبادل الدعوات لحضور ما ينظمه الطرفان من مؤتمرات علمية ، أو ندوات ، أو حلقات نقاش .
5. يقدم كل طرف المشورة للطرف الآخر – إن طلب منه - ويوفر له المعلومات التي تساعد على تحقيق أهدافه، وفق الأنظمة و الإجراءات المعمول بها .
6. الاستفادة من الطاقات البشرية في الجانب العلمي والاستشاري والعملي وفق أنظمة كل طرف ، و بما لا يتعارض مع المصلحة الخاصة بكل منهما

## SERVICE CONTRACT – 25

### Title

Modernization and development of the Medical Curriculum (Service Contract – III)

### Institution / Country

Monash University, Australia

### Year

2016 - 2017

**College / Department:** College of Medicine, IAU

Through entering into this SERVICE CONTRACT with MU, IABFU seeks to develop and deliver a globally recognised Bachelor of Medicine Bachelor of Surgery (MBBS).

1. MONASH will hand over to IAU by 01 January 2018, all curriculum materials for courses to be taught during the 6th year of the program. These materials are to include (as applicable for each course):
  - ee. Course guides.
  - ff. Course aims.
  - gg. Course objectives.
  - hh. Specification of learning outcomes to be acquired by students.
  - ii. Learning materials and resources including logbooks, rotation guides, presentations and other learning activities as appropriate for students and staff as appropriate.
  - jj. Summative and where available formative assessments including answers to assessments.
  - kk. Access to previous assessment materials.
  - ll. List of required texts and library books.
  - mm. List of required reference materials / reading materials.
  - nn. List for clinical experience skills.
2. MU will provide training to IAU staff on the clinical supervision and teaching required for the implementation of the IAU sixth year course and/or Monash Year 6 program.
3. MU will allow IAU staff of the all Monash Years program to visit MU for appropriate training and to observe the implementation of the course on site at MU after 30 January 2018.

## SERVICE CONTRACT – 26

### Title

Modernization and development of the Medical Curriculum (Service Contract – IV)

### Institution / Country

Monash University, Australia

### Year

2017 - 2018

**College / Department:** College of Medicine, IAU

Through entering into this SERVICE CONTRACT with MU, IABFU seeks to develop and deliver a globally recognised Bachelor of Medicine Bachelor of Surgery (MBBS).

1. MONASH will hand over to IAU by 01 January 2018, all curriculum materials for courses to be taught during the 6th year of the program. These materials are to include (as applicable for each course):
  - oo. Course guides.
  - pp. Course aims.
  - qq. Course objectives.
  - rr. Specification of learning outcomes to be acquired by students.
  - ss. Learning materials and resources including logbooks, rotation guides, presentations and other learning activities as appropriate for students and staff as appropriate.
  - tt. Summative and where available formative assessments including answers to assessments.
  - uu. Access to previous assessment materials.
  - vv. List of required texts and library books.
  - ww. List of required reference materials / reading materials.
  - xx. List for clinical experience skills.
2. MU will provide training to IAU staff on the clinical supervision and teaching required for the implementation of the IAU sixth year course and/or Monash Year 6 program.
3. MU will allow IAU staff of the all Monash Years program to visit MU for appropriate training and to observe the implementation of the course on site at MU after 30 January 2018.

## **SERVICE CONTRACT – 27**

### **Title**

Placement of Students

### **Institution / Country**

Maastricht University, The Netherlands

### **Year**

2017 -20 20

**College / Department:** College of Medicine, University of Dammam

### **Objectives**

1. Maastricht University is willing to offer the Students the opportunity to gain educational and research experience abroad and IAU is willing to provide various programme in several fields of education and research for these Students.
2. The programme IAU will provide under this Agreement and their specific arrangements, rules and regulations are described in Annexe to this Agreement.

### **Conditions**

1. During the term of this Agreement UM may send Students to IAU for the term as defined in Annex 1. The number of Students will be agreed to in advance on an annual basis.
2. The Universities agree that the Students must enroll full-time and must satisfy the normal admission requirements and language pre-requisites of each programme in which they wish to enroll, as determined by IAU. All subjects or programmes undertaken are to be approved by the UM of each Student prior to the exchange commencing.
3. The academic performance records of each Student will be sent directly to the UM, provided that IAU has obtained the Student's written consent to do so. If a Student refuses to provide that consent, IAU can refuse to accept that Student. It will be the responsibility of the UM to determine the amount of credits each Student may receive on the basis of programmes undertaken during the placement.
4. The UM agrees that all Students will be subject to the rules, regulations and procedures as specified in IAU handbooks or at the IAU website for the academic year they enrol. UM will notify the Students of this requirement. They will also have the rights and privileges enjoyed by other visiting students at IAU.

## SERVICE CONTRACT – 28

### Title

Modernization and development of the Medical Curriculum (Service Contract – V)

### Institution / Country

Monash University, Australia

### Year

2018 - 2019

**College / Department:** College of Medicine, University of Dammam

Through entering into this SERVICE CONTRACT with MU, IABFU seeks to develop and deliver a globally recognised Bachelor of Medicine Bachelor of Surgery (MBBS).

4. MONASH will hand over to IAU by 01 January 2018, all curriculum materials for courses to be taught during the 6th year of the program. These materials are to include (as applicable for each course):
  - yy. Course guides.
  - zz. Course aims.
  - aaa. Course objectives.
  - bbb. Specification of learning outcomes to be acquired by students.
  - ccc. Learning materials and resources including logbooks, rotation guides, presentations and other learning activities as appropriate for students and staff as appropriate.
  - ddd. Summative and where available formative assessments including answers to assessments.
  - eee. Access to previous assessment materials.
  - fff. List of required texts and library books.
  - ggg. List of required reference materials / reading materials.
  - hhh. List for clinical experience skills.
5. MU will provide training to IAU staff on the clinical supervision and teaching required for the implementation of the IAU sixth year course and/or Monash Year 6 program.
6. MU will allow IAU staff of the all Monash Years program to visit MU for appropriate training and to observe the implementation of the course on site at MU after 30 January 2018.

**MOUs (*Memorandum of Understanding*) – 1**

**Title**

Organ donation for transplantation

**Institution / Country**

Ithar

**Year**

2011

**College / Department:** IAU

# مذكرة التعاون بين



الجمعية الخيرية السعودية لتنشيط  
التبرع بالأعضاء بالمنطقة الشرقية



جامعة الدمام

بناءً على الأهداف المشتركة التي أسست من أجلها الجمعية والجامعة والتي تتمثل في خدمة المجتمع والإرتقاء بمستوى الوعي الصحي لجميع الأمراض ومنها مرض الفشل الكلوي العضوي، وإنطلاقاً من رغبة الطرفين في بناء أواصر التعاون بينهما من خلال تفعيل النشاطات والبرامج التي تساعد في تحقيق وإنجاز الأهداف المرجوة لتنشيط التبرع بالأعضاء، وذلك في حدود الإمكانيات المتاحة لهما، فقد إتفق الطرفان على ما يلي:

١. التعاون في تنفيذ الإستراتيجيات المشتركة في تنشيط التبرع بالأعضاء ودعم مرضاه.
٢. توحيد الجهود لتحقيق الأهداف المشتركة.
٣. التعاون بالقيام بأنشطة وبرامج مشتركة.



**MOUs (*Memorandum of Understanding*) – 2**

**Title**

Collaboration in academic & Research areas

**Institution / Country**

Saudi Cancer Foundation

**Year**

2011

**College / Department:** IAU

# مذكرة التعاون بين



جمعية السرطان السعودية  
Saudi Cancer Foundation



جامعة الدمام  
UNIVERSITY OF DAMMAM

جمعية السرطان السعودية  
بالمنطقة الشرقية

جامعة الدمام

بناءً على الأهداف المشتركة التي أسست من أجلها الجمعية والجامعة والتي تتمثل في خدمة المجتمع والإرتقاء بمستوى الوعي الصحي لجميع الأمراض ومنها مرض الفشل الكلوي العضوي، وإنطلاقاً من رغبة الطرفين في بناء أواصر التعاون بينهما من خلال تفعيل النشاطات والبرامج التي تساعد في تحقيق وإنجاز الأهداف المرجوة لتنشيط التبرع بالأعضاء، وذلك في حدود الإمكانيات المتاحة لهما، فقد إتفق الطرفان على ما يلي:

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٢. توحيد الجهود لتحقيق الأهداف المشتركة.
٣. التعاون بالقيام بأنشطة وبرامج مشتركة.

## MOUs (*Memorandum of Understanding*) – 3

### **Title**

Collaboration in academic & Research areas

### **Institution / Country**

Fatih University, Turkey

### **Year**

2013

### **College / Department:** IAU

Both institutes will strive toward establishing collaboration in academic and research areas and to facilitate the contact between their respective faculties, students, departments and other colleges.

#### **1. Areas of Collaboration**

- a. Exchange of faculty members
- b. Student exchange
- c. Research collaboration and distant learning
- d. Participation in conferences, seminars and workshops
- e. Exchange of academic publications and other information
- f. Academic programs of short duration

#### **2. Exchange of Faculty Members**

- a. The posting University will bear all travel, accommodation and living expenses for the exchange visits of faculty members, researchers and students.
- b. The receiving institutes will make available an office area appropriate for the work of the visiting faculty members and grant permission for library use and entry to all necessary premises.
- c. All exchanges will be carried out within the same year unless otherwise agreed upon.
- d. Duration of faculty or researcher exchange is limited to two academic semesters. Exchange visits for shorter durations are upon the agreement of both institutes.
- e. Exchange of faculty members, researchers or students is governed by prior approval of the hosting institute.
- f. Exchange faculty members or researchers will receive their salary from the posting institute and required funds have to be agreed upon prior to commencement of the exchange.
- g. Visiting faculty members and researchers should obtain medical insurance according to rules and regulations of the hosting country.
- h. Teaching load and work hours are governed by the rules and regulations of the hosting institute, but can be negotiated prior to commencement of the visit.
- i. This Memorandum of Understanding between the Fatih University and the University of Dammam could be applied to any academic field deemed important by the two institutes and governed by prior agreement.

### **3. Student Exchange**

- a. Student exchanges between the two institutes will be carried out within the same year
- b. Exchange students will be accepted as non-registered students for a maximum of one academic year.
- c. Exchange students can register for credit hours and the hosting university should facilitate their registration and provide documentation according to the rules and regulation governing registered students
- d. Exchange students are exempted from paying university fees
- e. Exchange students are nominated by the posting university and governed by the rules and regulations of the hosting university.
- f. Exchange students will bear all travel and living expenses unless sponsored by the posting university.
- g. Exchange students should prepare all travel documents prior to arriving in the host country.
- h. In the event an exchange student is sponsored by the posting university, a letter of financial support should be sent to the hosting institute.

### **4. Renewal & Termination**

- a. Endorsement of these regulations should be granted by the legal authorities of the two institutes and each institute should retain a copy of the MOU in Arabic, Turkish and English.
- b. The host institute should not bear any financial obligation unless it concerns issues which have been defined and agreed upon by both institutes.
- c. Both institutes will evaluate any items not covered by this MOU on its own merit according to the rules of this MOU.
- d. The duration of this MOU is three years and upon agreement of both institutes it can be renewed for a second three-year period. In the event that one institute wishes to terminate the MOU, it should inform the other institute six months prior to the date of termination. This MOU will be initiated once it has been approved by the Ministry of Higher Education and signed by the legal authorities of the two universities.
- e. Any item which is not covered by this MOU can be discussed and endorsed by the two signatories. All items in this MOU can be modified upon agreement of both institutes and upon endorsement by the Ministry of Higher Education.

**MOUs (*Memorandum of Understanding*) – 4**

**Title**

Collaboration in academic & Research areas

**Institution / Country**

Saudi Diabetes & Endocrine Association

**Year**

2014

**College / Department:** IAU

# مذكرة التعاون بين



الجمعية السعودية للسكري والغدد  
الصماء بالمنطقة الشرقية



جامعة الدمام

بناءً على الأهداف المشتركة التي أسست من أجلها الجمعية والجامعة والتي تتمثل في خدمة المجتمع والإرتقاء بمستوى الوعي الصحي لجميع الأمراض ومنها مرض الفشل الكلوي العضوي، وإطلاقاً من رغبة الطرفين في بناء أواصر التعاون بينهما من خلال تفعيل النشاطات والبرامج التي تساعد في تحقيق وإنجاز الأهداف المرجوة لتنشيط التبرع بالأعضاء، وذلك في حدود الإمكانيات المتاحة لهما، فقد إتفق الطرفان على ما يلي:

١. التعاون في تنفيذ الإستراتيجيات المشتركة في تنشيط التبرع بالأعضاء ودعم مرضاه.
٢. توحيد الجهود لتحقيق الأهداف المشتركة.
٣. التعاون بالقيام بأنشطة وبرامج مشتركة.

**MOUs (*Memorandum of Understanding*) – 5**

**Title**

Residency Training

**Institution / Country**

Saudi Commission for Health Specialties

**Year**

2014

**College / Department:** College of Medicine, IAU



# الهيئة السعودية للتخصصات الصحية Saudi Commission For Health Specialties



حيث أن جامعة الدمام ممثلة في الكليات الصحية لديها القدرة في المساهمة في تطوير برامج التعليم الطبي والدراسات العليا وإعداد البحوث العلمية وتأهيل المدربين المشاركين في العملية التعليمية، والإسهام في تطوير طرق صياغة مناهج برامج الدراسات العليا وإعداد أسئلة الامتحانات، وبناء على رغبة الطرف الأول بالتعاون والاستفادة من الكوادر التعليمية والإمكانات والمؤهلات التي تتمتع بها جامعة الدمام في كافة مجالات التعليم الطبي للدراسات العليا في المجال الصحي فقد اتفق الطرفان على فتح باب التعاون بينهما