

The purpose of this circular is to welcome and introduce the newly appointed graduate research assistants (GRAs) who joined the various RISE research centers and groups starting the fall semester 2020/2021.

### **Mena Maurice Farag**

*BSc in Electrical and Electronics Engineering, GPA 3.93*

My Name is Mena Maurice Farag, from Egypt, I was fortunate to be selected as a GRA at the University of Sharjah as part of my MSc Studies and I consider it as a critical point in any student's life. I have always been fond of the phenomena of Electricity and how to link theory with practicality and that is why I opted it as my Major in my undergraduate studies. I always like to take the initiative to conduct research and analyze data to reach to solid conclusions regarding several engineering topics within my field. I also like conducting experiments and simulations. I am mostly interested in researching in power generation and smart systems as I feel that contributing in a sustainable world is a necessity that we should all be part of. I am hoping to contribute in several research papers with my research group and even beyond it to achieve the experience and valuable knowledge from the faculty and be ready for this journey as a Postgraduate Student working as a GRA and be part of the UOS and RISE family for a long time.



**University of Graduation:**  
Al Ghurair University

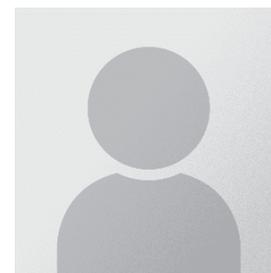
**Graduate Program @ UoS:**  
MSc in Electrical and Electronics  
Engineering

**Affiliation:**  
Smart Grid Research Group

### **Razan Adnan Alhamad**

*BSc in Communication Engineering, GPA 3.85*

I am an enthusiastic and motivated person who has developed great skills over the years. My previous working experience granted me social skills like great communication and problem-solving. In addition, I am a very good mediator and team player with high work ethics. I also gained professional skills, using multiple engineering software like MATLAB, LabView and Packet Tracer. I learned C++ coding and built projects using microprocessors. As a communication engineer, I am looking forward to investigate my field further and to integrate it with other fields to learn and contribute. My interests lie in signals, networking and communication, especially the hardware that makes it all possible. As a graduate student, my biggest aim is to



**University of Graduation:**  
Al Dar University College

**Graduate Program @ UoS:**  
MSc in Electrical and Electronics  
Engineering

**Affiliation:**  
Mixed Analogue-Digital Smart Electronic  
Circuits and Systems Research Group

absorb experience as much as I can and build my knowledge even further. I am constantly trying to better improve myself.

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## **Omar Emad Alshaltone**

*BSc in Electrical and Electronics Engineering, GPA 3.74*

My name is Omar Emad Alshaltone, holding B.Sc. in Electrical and Electronic engineering, I was accepted by Sharjah University for studying M.Sc. in Electrical Engineering and was nominated by Research Institute of Sciences and Engineering as a “ Graduate Research Assistant”. I have passion and ambition to proceed with scientific research in Bio-sensing to enable me to be completely conversant in this subject and look forward to develop my capabilities and to carry out any additional research during my M.Sc. study and to keep up any scientific development in all areas. Also, my intention to proceed with my further academic study to get Ph.D. degree in the scientific researches once I complete my M.Sc. studies.



**University of Graduation:**  
Al Ghurair University

**Graduate Program @ UoS:**  
MSc in Electrical and Electronics  
Engineering.

**Affiliation:**  
Bio-sensing Research Group

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## **Feras Barneih**

*BSc in Electrical and Electronics Engineering, GPA 3.67*

I graduated from the university of Sharjah with a Bachelor of Science in electrical and electronics engineering with honors. I would consider myself skillful in building electronic circuits on printed circuit boards (PCB). As for my research interest, I am excited to learn and examine more in electronics and antennas. I am also looking forward to grasp new knowledge, achieve some of my goals and publish scientific papers in a high impact journal.



**University of Graduation:**  
University of Sharjah

**Graduate Program @ UoS:**  
MSc in Electrical and Electronics  
Engineering

**Affiliation:**  
Bio-sensing Research Group

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## Rawan Salih Mohamed

*BSc in Biotechnology, GPA 3.76*

Having a fascination for finding answers and exploring ideas, I have wanted to become a scientist/researcher for as long as I can remember. I chose to study biotechnology because it encompasses a variety of disciplines, and in doing so, I discovered that my true passion lies within cancer studies and human genetics. I am very passionate about this area and consider myself a hardworking individual that is a quick learner and a team player. What I am hoping to accomplish from this master program, or my postgraduate career in general, is to develop as a person and as a scientist through research and studies and to one day become the Sudanese researcher that helped answer unanswered questions.



**University of Graduation:**  
University of Sharjah

**Graduate Program @ UoS:**  
MSc in Biotechnology

**Affiliation:**  
Human Genetics and Stem Cell Research  
Group

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## Nadin Alherimi

*BSc in Industrial Engineering and Engineering Management, GPA 3.97*

My name is Nadin Alherimi, I have trained in NAFFCO FZCO factories (quality control), supply chain, and estimation. In addition to being an event coordinator at the Industrial Engineering Club. I have shown initiative, creativity in problem solving as well as having unique methods and techniques to deal with various challenges. This includes reaching to the root causes of various workplace complications and working hard on suggesting solutions. I aim to hone my abilities through research and development in various engineering areas, as well as enhance the educational experience. The world, technology, and economy are developing day by day requiring bright minds induced with technological, unique concepts gained through knowledge of interest.



**University of Graduation:**  
University of Sharjah

**Graduate Program @ UoS:**  
MSc in Engineering Management

**Affiliation:**  
Sustainable Engineering Asset  
Management Research Group

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## Heba Quteineh

*BSc in Industrial Engineering and Engineering Management, GPA 3.94*

My name is Heba Quteineh, a Graduate Research Assistant at University of Sharjah. I obtained my B.Sc. in Industrial Engineering and Engineering Management in 2020 and currently pursuing a M.Sc. in Engineering Management at University of Sharjah. I am a former Undergraduate Teaching Assistant in the Industrial Engineering department. I have earned the 2020 IEOM Outstanding Student Award in recognition of my contribution to IEOM profession and won the 2nd prize in Sharjah Chamber Award for Innovators. My areas of research interest include Facilities Planning, Safety Engineering, Ergonomics, Supply Chain, Manufacturing Processes, Industrial Automation, Lean Production, Production Planning and Inventory Systems.



**University of Graduation:**  
University of Sharjah.

**Graduate Program @ UoS:**  
MSc in Engineering Management.

**Affiliation:**  
Sustainable Engineering Asset  
Management Research Group

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## Farah Anwar Abumadi.

*BSc in Industrial Engineering and Engineering Management, GPA 3.93*

Enthusiastic and diligent industrial engineer graduated with first class honors. Analytical and problem-solving capability with a solid commercial awareness. Dedicated to continuous improvement and expanding my knowledge and experience in various fields. Highly interested in lean six sigma and quality, applied statistics and statistics learning, sustainability, internet of things, optimization, Management science, and artificial intelligence. Throughout the MSc program, I hope to be able to improve not only my industrial engineering concepts, but also my ability to think critically about engineering questions. I look forward to completing my thesis project, which will allow me to contribute to the current engineering knowledge. By pursuing my education in the master program, I can gain more experience alongside esteemed professors before venturing out into the real world. Finally, I hope to use my knowledge from this program to become a successful engineer who adds a significant value to the workplace.



**University of Graduation:**  
University of Sharjah.

**Graduate Program @ UoS:**  
MSc in Engineering Management.

**Affiliation:**  
Water Desalination Research Group

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## Marwa Al Nahlawi

*BSc in Architectural Engineering, GPA 3.93*

My name is Marwa Al Nahlawi, I am pursuing a Master of Science degree in Engineering Management at the University of Sharjah. I graduated with a Bachelor of Science degree in Architectural Engineering from University of Sharjah in 2020. I am a highly organized and ambitious individual with a strong background in sustainable design strategies. I developed skills in communication, critical thinking, time management, and data collection. My aim is to implement and share my knowledge through conducting research, as I strongly believe in the ability of architectural engineering and research combined for strengthening the societies and creating a better future for the next generations.



**University of Graduation:**  
University of Sharjah.

**Graduate Program @ UoS:**  
MSc in Engineering Management

**Affiliation:**  
Renewable Energy and Energy Efficiency  
Research Group

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### **Lama Maher Al Haj Hussein**

*BSc in Architectural Engineering, GPA 3.93*

An Architectural Engineer with a passion for creative and innovative design. I accomplished my studies at University of Sharjah in Spring 2020 with an honors degree. My greatest strength is demonstrated in problem solving, team leading, creative thinking and time management. I am interested in combining architecture with sustainability and green energy fields. I am glad to be part of the institute and my commitment is to perform its expectations as a graduate research assistant in promoting quality research in science and engineering areas, where I believe that researching is very important in developing societies and creating better future.



**University of Graduation:**  
University of Sharjah.

**Graduate Program @ UoS:**  
MSc in Engineering Management

**Affiliation:**  
Renewable Energy and Energy Efficiency  
Research Group

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### **Haya Rami Noman Naim Al Jaghoub**

*BSc in Industrial Engineering and Engineering Management, GPA 3.88*

A detail-oriented and motivated Industrial Engineer. During my personal and academic life, I have developed many professional skills, such as: Creativity, Interpersonal Communication, Critical Thinking, Problem Solving, Public Speaking, Teamwork, Collaboration, Conflict Resolution and Decision Making. I have



**University of Graduation:**

strong theoretical background in Quality Management, Risk Management, and Innovation. Achieved several professional certificates (ISO9001 Lead Auditor, ISO14001 Internal Auditor).

I am deeply interested in research areas related to Energy Consumer Behavior, Sustainability, Future Insights, Predictive Analytics, Data Science and Big Data. During this MSc program I am seeking to advance my knowledge and sharpen my skills in Management and Quality, and to become a better engineer.

University of Sharjah

**Graduate Program @ UoS:**  
MSc in Engineering Management

**Affiliation:**  
Energy Storage Systems and Storage  
Management Research Group

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### **Malek Kamal Hussien Rabaia**

*BSc in Sustainable and Renewable Energy Engineering, GPA 3.70*

I have been a research assistant for almost a year now and contributed to several review papers on topics related to renewable energy, solar power, desalination, environmental impacts, and waste or waste heat management. I consider myself as a smart-working, detail-loving individual that continuously challenges his limits and expands his knowledge through increasing his interests, as I believe that the biggest and most worthy investment is the human mind. When not doing research, I enjoy Mind Games, Math, Quantum Physics, Psychological Analysis, and anime.



**University of Graduation:**  
University of Sharjah

**Graduate Program @ UoS:**  
MSc in Engineering Management

**Affiliation:**  
Energy Storage Systems and Storage  
Management Research Group

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### **Abdelrahman Khalil**

*BSc in Mechanical Engineering, GPA 3.62*

Graduated from Mechanical Engineering Department at King Saud University (KSU) at Saudi Arabia, excellent with honor degree. I have excellent communication and teaching skills honed from work as teaching assistant in the center of excellence in teaching and learning-KSU. I am a fresh graduate with multicultural education (China, South Korea, Saudi Arabia). I have a solid command of technologies, tools, and best practices in designing mechanical equipment using AutoCAD, SolidWorks, and engineering drawings. I see myself fit with the scope of the Water Desalination research group as I have participated in a project dealing with transfer and localization of expertise in advanced technologies (TLEAT), training program. I had a course related to Synthesis of Nanomaterials, fall 2018. I also have some knowledge in the following related research field which is the core of the



**University of Graduation:**  
King Saud University

**Graduate Program @ UoS:**  
MSc Engineering Management

**Affiliation:**  
Water Desalination Research group

desalination technology: Application of nanomaterials in Water treatments; Preparation of membrane matrix solution, Membrane Manufacturing, Membrane characterization, and Membrane Testing.

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### **Fatima Dakalbab**

*BSc in Information Technology Multimedia, GPA 3.92*

After earning my bachelor's degree in information technology multimedia from the University of Sharjah, I wanted to explore my passion for learning and increase the knowledge that I gained. Therefore, I applied to study MSc in Computer Science since I was driven by the enjoyment for research, when I worked as a part time research assistant and conducted a systematic literature review research study on machine learning techniques in anomaly detection. My research interest includes inter-blockchain communication, Internet of things (IoT), and Machine learning in character designing as one of my skills is drawing. Moreover, I am currently a member at Sharjah Google Developer Group (GDG) and Arab Women in Computing Association (ArabWIC) since 2016.



**University of Graduation:**  
University of Sharjah

**Graduate Program @ UoS:**  
MSc in Computer Science

**Affiliation:**  
Open UAE Research and Development  
Research Group

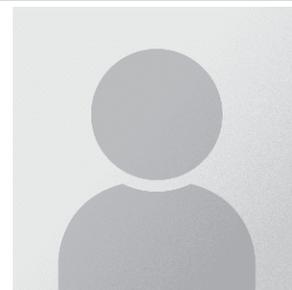
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### **Hamdan Hammad**

*BSc in Computer Science, GPA 3.71*

My name is Hamdan Hammad. I was originally born in Sharjah and now I'm a Masters student at University of Sharjah. My special skills include thinking outside the box, resilience, problem-solving skills, and analytical skills.

I opted to pursue the MSc degree to prepare for graduate study at the doctoral level to expand my knowledge of fields related to their current areas of professional specialization, to study a field I love and to explore future employment in a related area, to acquire skills in new technologies and methods that have developed in their fields, and to prepare for entrepreneurial projects that require expertise in a specific field of study



**University of Graduation:**  
2018

**Graduate Program @ UoS:**  
MSc in Computer Science

**Affiliation:**  
Big Data Mining Research Group

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### **Youssef Mohammad Mansour**

*BSc in Computer Science, GPA 3.70*

My name is Youssef Mansour and I am a graduate from the University of Sharjah with the Bachelor of Science in Computer Engineering. Programming has always been one of my hobbies and as a result, I tend to be quite good at it and have a decent background about it. Some of the topics that have always caught my interest include machine learning, mobile and computer applications, computer graphics, and generally anything that has to do with coding. During my MSc program, I am hoping that I would be able to explore the computer science field and dive deep into the programming and coding side of it as that is where I can see myself thrive. I am confident that during my time in this program, I will be able to be of great contribution to this field.



**University of Graduation:**  
University of Sharjah

**Graduate Program @ UoS:**  
MSc in Computer Science

**Affiliation:**  
Machine Learning and Arabic Language  
Processing Research Group

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### **Abdullah Mohammed Alamoodi**

*BSc in Computer Engineering, GPA 3.80*

My name is Abdullah Mohammed Alamoodi and I am an ambitious post-graduate computer engineering student who has the motivation to learn and acquire new experimental skills and knowledge by enrolling within the professional working environment. Some of the Skills that I have is programming languages like Python and C++, as well as controlling raspberry pi and Arduino. The area that interests me is the artificial intelligence, machine learning and security which are used in the most technology now. During my MSc program, I seek for building my experience in these areas and to publish some papers within known conferences and journals.



**University of Graduation:**  
University of Sharjah

**Graduate Program @ UoS:**  
MSc in Computer Engineering

**Affiliation:**  
Information and network security  
Research Group

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### **Yahya El Traboulsi**

*BSc in Civil and Environmental Engineering, GPA 3.65*

My name is Yahya El Traboulsi, I grew up in Sharjah and graduated from the University of Sharjah and currently resuming my studies in the Master of Science (MSc) in Civil Engineering program. I am self-motivated and therefore always active and looking ahead to the next task at hand. Areas of research interest include engineering disciplines with a focus on sustainable development



**University of Graduation:**

and to demonstrate how infrastructure can be strategically developed or redeveloped to improve the quality of life while preserving or enhancing the natural environment. I am seeking to achieve necessary professional skills and foster personal development during his graduate studies.

University of Sharjah

**Graduate Program @ UoS:**  
MSc in Civil Engineering

**Affiliation:**  
Sustainable Civil Infrastructure Systems  
Research Group

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## **Inas Mahmoud Khalifa**

*BSc in Civil and Environmental Engineering, GPA 3.62*

I have completed my Bachelor's degree in Civil Engineering at the University of Sharjah in 2017 with honors. Later, I have joined the Ministry of Infrastructure Dubai as a Civil Engineering intern for a period of 2 months in the same year. I have worked as an Operations Officer for 2 years at VFS global where I have acquired certain skills including prioritization of tasks, time management, performing administrative tasks, and handling of confidential data. I am now continuing my master's degree in Civil Engineering at the University of Sharjah with special focus in the Environmental Engineering field.



**University of Graduation:**  
University of Sharjah

**Graduate Program @ UoS:**  
MSc in civil engineering

**Affiliation:**  
Geographic Information System and  
Remote Sensing Center

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## Abdulrahman Khaled Abdeljaber

*BSc in Civil and Environmental Engineering, GPA 3.99*

I am A civil engineer graduate with concentration in environmental engineering. My undergraduate senior design project focused on climate change effects on drainage systems, in addition to designing sustainable urban drainage systems. I look forward to the MSc studies at UoS to give me the opportunity to conduct further researches and expand my knowledge on my fields of interest, which contain analysis and characterization of wastewaters, investigation of their treatability, as well as solid waste management.



**University of Graduation:**  
University of Sharjah

**Graduate Program @ UoS:**  
MSc in Environmental Science and  
Engineering

**Affiliation:**  
Water Desalination Research Group

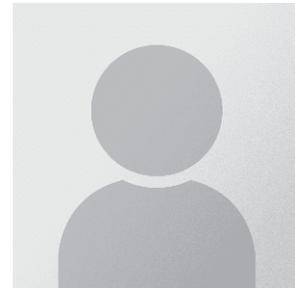
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## Sara Al-Darras

*BSc in Environmental Health Sciences, GPA 3.99*

My name is Sara Al-Darras, and I am currently doing my MSc in Environmental Sciences and Engineering. I am an active student who would love to try and learn new things, I like to join different competitions or attend exhibitions related to environmental fields.

Since global warming and climate change are of most concern nowadays, I am very interested in such research. The main goal that I want to achieve at the end of the program is to fully understand environmental ecosystems and how to protect them.



**University of Graduation:**  
University of Sharjah

**Graduate Program @ UoS:**  
MSc in Environmental Sciences and  
Engineering

**Affiliation:**  
Human Genetics and Stem Cells Research  
Group

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## Maryam Mouselly

*BSc in Chemistry, GPA 3.99*

I Graduated in chemistry in 2020. Worked as undergraduate research assistant for 1 year and Had training in Sharjah police forensic lab for 2 months as a chemical analyst. It made me familiar with some instruments and techniques usually used in research work for analysis and characterization. I am mainly interested in synthesis of new materials that plays role in developing various applications in industry. I look forward to learn more research techniques and to learn how to make use of critical thinking in making powerful of-interest research conclusions.



**University of Graduation:**  
University of Sharjah

**Graduate Program @ UoS:**  
MSc in Chemistry

**Affiliation:**  
Center for Advanced Materials Research  
(CAMR)

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## Lubna Jamal Ali Jaber

*BSc in Chemistry, GPA 3.60*

I grew up in Dubai, UAE, and graduated from a British curriculum. I am a fresh Chemistry graduate from the University of Sharjah with a cumulative GPA of 3.60 and an honors degree. I performed my industrial training at Ajman Municipality in the Food and Environmental laboratories. I am currently a master's student in Chemistry and a graduate research assistant at the Center for Advanced Materials Research (CAMR) at the University of Sharjah. Apart from my strong written and communication skills, I can analyze and solve problems and work in teams. I am good at managing time and organizing tasks and well educated on lab safety ethics. I take great interest in Analytical Chemistry and Instrumental Analysis, and seek to strengthen her skills and expertise to become a successful published researcher.



**University of Graduation:**  
University of Sharjah

**Graduate Program @ UoS:**  
MSc in Chemistry

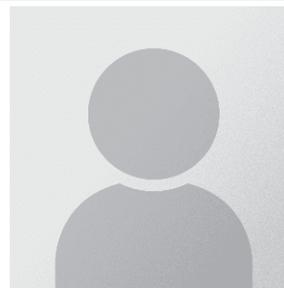
**Affiliation:**  
Center for Advanced Materials Research  
(CAMR)

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## Rania Ziad

*BSc in Chemistry, GPA 3.60*

Graduated from University of Sharjah with GPA of 3.60 Excellent with Honors, majoring in Bachelor of Science in Chemistry. I trained in Sharjah Municipality and worked through four different laboratories, including the food lab, environment lab, veterinary lab and the public health clinic lab. Experienced in the field of research work related to organic chemistry (research project) and



**University of Graduation:**  
University of Sharjah

also in dealing with chemical instruments. I have the passion to work in all chemistry fields and in the field of laboratories for human consumed products. My skills include knowing how to deal with chemicals regarding safety, dealing with many chemical instruments such as HPLC, GC and IR., and using Microsoft Office (word, excel and PowerPoint).

**Graduate Program @ UoS:**  
MSc in Chemistry

**Affiliation:**  
Center for Advanced Materials Research  
(CAMR)

**Contact Information**

Research Institute of Sci. & Eng. (RISE)  
University of Sharjah  
Phone: + 971 (06) 5050919  
Internal Ext: 2919  
RISE@sharjah.ac.ae

