

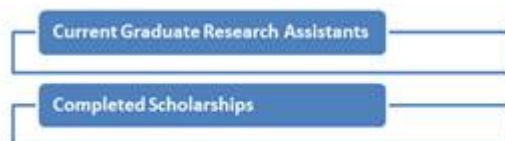
Research Institute of Sciences and Engineering

Office of the Vice Chancellor for Research & Graduate Studies
University of Sharjah



The purpose of this circular is to provide information on the Graduate Research Assistantships (GRAs) that were offered by the Research Institute of Sciences and Engineering (RISE) to students in the various MSc programs in Sciences & Engineering. The number of GRAs depends on available budget and the GRAs are required to work with RISE Research Groups associated with the MSc programs, with a maximum of two GRAs per group.

Up to date, three GRA offer cycles have been made during the past three academic years (2016/17 - 2018/19), as outlined in this circular.



Current Graduate Research Assistants

MSc in Biotechnology

2 Affiliated Research Groups; 4 Positions, 2 per Group, No Vacant Positions

Graduate Research Assistant:

Ms. Masarra Elgabra

Graduate Program:

Master of Science in Biotechnology

Affiliation:

Environmental and Chemical Biology Research Group

Thesis Title:

Comparison of DNA and Life History Traits Between Local and Mediterranean Lines of *Brachypodium* Species

Joining Date/Status:

2016/17 - Ongoing



Graduate Research Assistant:

Ms. Ayah Alhusseni

Graduate Program:

Master of Science in Biotechnology

Affiliation:

Human genetics & Stem Cells Research Group

Thesis Title:

New Assistantship

Joining Date/Status:

2018/19 - Ongoing



Graduate Research Assistant:

Ms. Asmaa Anwar Mostafa Mohammed Ismail

Graduate Program:

Master of Science in Biotechnology

Affiliation:

Bioinformatics and Functional Genomics (Jointly with Research Institute of Medical & Health Sciences (RIMHS)) Research Group

Thesis Title:

The Anticancer Roles of 14K Growth Hormone

Joining Date/Status:

2017/18 - Ongoing



Graduate Research Assistant:

Ms. Sakina Eqbal Hussain Tayabally

Graduate Program:

Master of Science in Biotechnology

Affiliation:

Environmental & Chemical Biology Research Group

Thesis Title:

New Assistantship

Joining Date/Status:

2018/19 - Ongoing



MSc in Electrical and Electronics Engineering and MSc in Computer Engineering
4 Affiliated Research Groups + 1 Shared Research Group with Computer Science; 8
Positions, 2 per Group, 2 Vacant Positions

Graduate Research Assistant:

Ms. Maha Samir Baker Diab

Graduate Program:

Master of Science in Electrical and Electronics Engineering

Affiliation:

Mixed Analog- Digital Smart Electronic Circuit and Systems (MADSECS) Research Group

Thesis Title:

Field Programmable Analog Arrays for Biomedical Applications

Joining Date/Status:

2016/17 - Ongoing



Graduate Research Assistant:

Mr. Mahmoud A. Y. Abdallah

Graduate Program:

Master of Science in Electrical and Electronics Engineering

Affiliation:

Autonomous Robotics and Active Vision Research Group

Thesis Title:

Active Disturbance Rejection Control for Robotic Manipulator Based on FABRIK Algorithm

Joining Date/Status:

2016/17 - Ongoing



Graduate Research Assistant:

Mr. Ahmed Ibrahim AbdulKarim Salameh

Graduate Program:

Master of Science in Electrical and Electronics Engineering

Affiliation:

Distributed and networked Systems (DNS) Research Group

Thesis Title:

Spectrally Efficient Channel and Carrier Frequency Offset Estimation for Two-way Relay Networks

Joining Date/Status:

2016/17 - Ongoing



Graduate Research Assistant:

Ms. Meriem Maamar Bettayeb

Graduate Program:

Master in Computer Engineering

Affiliation:

Open UAE Research and Development Research Group

Thesis Title:

New Assistantship

Joining Date/Status:

2017/18 - Ongoing



Graduate Research Assistant:

Ms. Nour Abdelrahman Suliman Mohamed

Graduate Program:

Master of Science in Electrical Engineering

Affiliation:

Autonomous Robotics and Active Vision Research Group

Thesis Title:

New Assistantship

Joining Date/Status:

2018/19 - Ongoing



Graduate Research Assistant:

Ms. Shahrazad Mohamed Qassimi

Graduate Program:

Master of Science in Electrical and Electronics Engineering

Affiliation:

Mixed Analogue-Digital Smart Electronic Circuits & Systems Research Group

Thesis Title:

New Assistantship

Joining Date/Status:

2018/19 - **Application Under Process**



MSc in Civil Engineering

2 Affiliated Research Groups; 4 Positions, 2 per Group, No Vacant Positions

Graduate Research Assistant:

Ms. Lubna Ghassan Nufooth Obaid

Graduate Program:

Master of Science in Civil Engineering

Affiliation:Sustainable Civil Infrastructure Systems
Research Group (SCIS-RG)**Thesis Title:**

New Assistantship

Joining Date/Status:

2017/18 - Ongoing

**Graduate Research Assistant:**

Ms. Sama Mahmood Shakir Alani

Graduate Program:

Master of Science in Civil Engineering

Affiliation:Sustainable Civil Infrastructure Systems
Research Group (SCIS-RG)**Thesis Title:**

New Assistantship

Joining Date/Status:

2017/18 - Ongoing

**Graduate Research Assistant:**

Ms. Raghad Ahmad Awad

Graduate Program:

Master of Science in Civil Engineering

Affiliation:Sustainable Construction Materials and
Structural Systems Research group (SCMASS)**Thesis Title:**

New Assistantship

Joining Date/Status:

2018/19 - Ongoing

**Graduate Research Assistant:**

Mr. Ibrahim Mahmoud Haj Fattouh

Graduate Program:Master of Science in Civil and Environmental
Engineering.**Affiliation:**Sustainable Construction Materials and
Structural Systems Research Group**Thesis Title:**

New Assistantship

Joining Date/Status:

2018/19 - Ongoing

**MSc in Engineering Management****1 Affiliated Research Group; 2 Positions, 2 per Group, No Vacant Positions****Graduate Research Assistant:**

Mr. Ahmed Ameen Bingamil

Graduate Program:

Master of Science in Engineering Management

Affiliation:Sustainable Engineering Asset Management
(SEAM) Research Group**Thesis Title:**Selection of Condition Monitoring Technology
for Automotive Critical Components: A Life
Cycle Cost Approach**Joining Date/Status:**

2016/17 - Ongoing

**Graduate Research Assistant:**

Mr. Anwar Mohammad Hamdan

Graduate Program:Master of Science in Engineering
Management**Affiliation:**Sustainable Engineering Asset Management
Research Group (SEAM RG)**Thesis Title:**

New Assistantship

Joining Date/Status:

2017/18 - Ongoing

**MSc in Computer Science****2 Affiliated Research Groups + 1 Shared Research Group with Computer Engineering; 4 Positions, 2 per Group, 2 Vacant Positions**

Graduate Research Assistant:

Ms. Omnia Mohamed Elmutasim Hamed Abu Waraga

Graduate Program:

Master of Science in Computer Science

Affiliation:

Open UAE Research and Development Research Group

Thesis Title:

New Assistantship

Joining Date/Status:

2018/19 - Ongoing

**Graduate Research Assistant:**

Mr. Omar Einea

Graduate Program:

Master of Science in Computer Science

Affiliation:

Machine Language and Arabic Language Processing (ML & ALP) Research Group

Thesis Title:

New Assistantship

Joining Date/Status:

2018/19 - Ongoing



Research Institute of Sciences & Engineering Collaboration Projects with Government & Industry

Graduate Research Assistant:

Mr. Adel Abdulmonem Tayara

Graduate Program:

Master of Science in Civil and Environmental Engineering

Affiliation:

Research Institute of Sciences and Engineering (RISE)
– External Projects

Thesis Title:

New Assistantship

Joining Date/Status:

2017/18 - Ongoing



Completed Scholarships

Graduate Research Assistant:

Ms. Ghadeer Salah Ali Al-Khayyat

Graduate Program:

Master of Science in Civil Engineering

Affiliation:

Sustainable Civil Infrastructure Systems Research Group (SCIS-RG)

Thesis Title:

Assessment of Phosphorus Removal from Water Using Al/Fe Modified Nano-Clay

Joining Date/Status:

2016/17 - Graduated

**Graduate Research Assistant:**

Ms. Balsam Zayed Alkouz

Graduate Program:

Master of Science in Computer Science

Affiliation:

Big Data Mining and Multimedia Research Group

Thesis Title:

Road Traffic Analysis and Prediction by Fusing Data from Multiple Social Network Sites

Joining Date/Status:

2016/17 - Graduated

**Graduate Research Assistant:**

Mr. Basil Ayman Kamel Ibrahim

Graduate Program:

Master of Science in Civil Engineering

Affiliation:

Sustainable Construction Materials and Structural Systems Research Group

Thesis Title:

Experimental Study on the Shear Strength of Reinforced Concrete (RC) Beams Strengthened

**Graduate Research Assistant:**

Ms. Banafsaj Ezaldin Salem Khalifa

Graduate Program:

Master of Science in Computer Science

Affiliation:

Big Data Mining and Multimedia Research Group

Thesis Title:

Post-Deployment Coverage Hole Detection and Repair in Wireless Sensor Networks



with Externally U-Bonded Carbon Fiber Reinforced Polymer (EB-FRP)

Joining Date/Status:

2017/18 – Ongoing

Joining Date/Status:

2016/17 - Ongoing

Graduate Research Assistant:

Ms. Batoul Akram Abi Zamer

Graduate Program:

Master of Science in Biotechnology

Affiliation:

Human genetics & Stem Cells Research Group

Thesis Title:

Novel Mutation in Desmoglein 1 Causes Autosomal Dominant Palmoplantar Keratoderma

Joining Date/Status:

2016/17 - Ongoing



Contact Information

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