



الجامعة السعودية الإلكترونية
SAUDI ELECTRONIC UNIVERSITY
2011-1432

WEmpower

Women's Research Accelerator Program



Welcome

We are pleased you have decided to take the time to focus on your research capacity and skills! As female academics, faculty and students, we understand the passion, drive and commitment to research we all have, as well as the challenges we face. During the COVID19- pandemic, international studies have confirmed that female academics are finding it more challenging than ever to progress with their research efforts, and sustain their productivity. A study conducted by The National Academies of Sciences, Engineering and Medicine (2020) titled Investigating the Potential Impact of COVID19- on the Careers of Women found that women's shares of first authorships and last authorships decreased during the COVID19- pandemic.

Women published fewer papers and received fewer citations of their work as they struggle to balance teaching, research and writing time with family and caring responsibilities. We have conducted our own research locally on this as well, and found that despite these challenges, female academics have the will to build their capacity, skills and confidence, and increase their productivity, so WEmpower is an initiative that was developed to help provide the way forward! The Saudi Electronic University leadership, headed by Prof. Lilac Al-Safadi, have encouraged us to use our imaginations, passion and networks to develop and offer this extraordinary program for you, and we are so excited to have you with us!

As female faculty and postgraduate students at SEU, you have been automatically registered in a dedicated Blackboard space and there is no fee to attend. We have a brilliant group of experts from universities across the Kingdom, in a multitude of research areas, that are immensely supportive and have generously offered their expertise, skills and time during the 10 days of the program to provide this opportunity, so we urge you to review the program schedule carefully, and consider each session topic and experts background area and reflect on your own research level, skills and direction, and select the sessions that will be of priority importance to you to attend live and focus on and add more thereafter as you can. All the main sessions will be recorded for you to access if you are not able to attend live, but note the value of the interaction during the session and plan accordingly! We are also offering limited slots for individual sessions with some of our experts in the evenings, where you can privately discuss your work, ask for advice or find solutions for any issues, so decide which of these you would like to attend and fill in the form as we expect these will fill up rapidly! WEmpower was designed for you...to provide the space for you to flourish and grow your research capacity, skills and confidence. If you have any questions please e-mail the team at wempower@seu.edu.sa We wish you an immensely rich experience with WEmpower...

The WEmpower Team

Opening Remarks

Sunday, August 15, 2021

9:00 am - 10:00 am

9:00 - 9:05

Intro

9:05-9:10

Quran + KSA Anthem

9:10-9:20

President of the University

Prof. Lilac Al-Safadi

9:30-9:40

**Vice President for Graduate
Studies and Scientific Research**

Prof. Mohammed Al-Awairdhi

9:40-9:50

Dean of Scientific Research

Dr. Raed Al-Hamad

“Motives for Conducting Scientific Research”

DAY 1

Academic Research

Sunday, August 15, 2021

10:00-11:00



Skill Level

A

Understanding Research Ethics: Why, What, How

The importance of maintaining ethical conduct in research, understanding ethical requirements, and applying and obtaining necessary approvals

Prof. Ghada Al-Saif - King Saud University

11:00-12:00



Skill Level

A

The Importance of Scientific Research and the Role of Women in Building the Knowledge Economy

The importance of scientific research to achieve developmental, knowledge and economic goals towards the Vision 2030 of the Kingdom of Saudi Arabia and the critical role of women in academia in achieving this Vision

Dr. Haya Zedan - Saudi Electronic University

12:00-1:00



Skill Level

A

Learn about Academic Promotion and its Conditions

Learn about the details and conditions for scientific research you are required to meet to qualify for academic promotion

Dr. Marwah Al-Masri - Saudi Electronic University

1:00-2:00



Skill Level

A

Working on Research as Part of a Team: Professional Tasks and Responsibilities

How to work effectively, professionally, and responsibly as part of a team to increase the chances of success in your work and research career

Ms. Rania Felemban - King Abdullah Medical City

5:00 - 6:00



Skill Level

B

Submitting Proposals to Obtain Financial Support for Research

Learn about the best practices and recommendations on formulating proposals and applying for funding grants for research

Dr. Raniyah Wazirali - Saudi Electronic University

6:00 - 7:00



Skill Level

A

Individual Session with a Research Productivity Coach

Dr. Haya Zedan - Saudi Electronic University

7:00 - 8:00



Skill Level

A

Individual Session with an Expert in Academic Promotions

Dr. Raniyah Wazirali - Saudi Electronic University

DAY 2

Academic Research

Monday, August 16, 2021

9:00-10:00



Skill Level

A

Innovative Research Ideas and Developing Your Proposal

The value of imagination and innovation in generating research concepts and ideas and how to formulate a strong research proposal, clarifying your objectives and selecting appropriate methods and ensuring feasibility of your project

Ms. Amal Al-Hassani - King Abdullah Medical City

10:00-11:00



Skill Level

A

Academic Writing Skills Masterclass

Learn skills to support in your development as a strong academic writer, from goal setting to scheduling for productivity, finding your voice in your writing, and managing research writing tools

Dr. Rabab Hashem - Jeddah University

11:00-12:00



Skill Level

A

Critical Analysis in Research and Writing Your Discussion

How to present your findings and be able to critically analyse and communicate this in your writing effectively, comparing various styles and pros and cons of each

Dr. Saja Al-Mazrou - King Saud University

12:00-1:00



Skill Level

A

Tips for Academic Writing

Practical tips for starting to write and maintaining your drive and motivation, avoiding stalling or writer's block, and how to improve your environment and writing productivity

Dr. Reem Al-Semeiry - Jeddah University

1:00-2:00



Skill Level

A

Searching Scientific Databases

How to search through the scientific databases on the Saudi Digital Library (SDL) efficiently and improve the quality of your research work

Dr. Raniyah Wazirali - Saudi Electronic University

DAY 2

Academic Research

Monday, August 16, 2021

5:00-7:00



Skill Level

A

Masterclass on Referencing and Citation

This session will provide a refresher on the importance of referencing and citation in research, and how to do so accurately using various styles APA, MLA, IEEE

Dr. Lama Khoshaim - Saudi Electronic University

7:00-8:00



Skill Level

A

Individual Session with an Academic Writing Expert

Discuss your research writing with an expert for advice, support and guidance for 15-30 mins

Dr. Abeer Alyami - Jeddah University | Dr. Reem Al-Semeiry - Jeddah University

8:00-9:00



Skill Level

A

Individual Session with a Research Innovation Expert

Discuss your research ideas with an expert for advice, support and guidance for 15-30 mins

Ms. Amal Al-Hassani - King Abdullah Medical City

DAY 3

Literature Reviews

Tuesday, August 17, 2021

9:00-10:00



Skill Level

A

How to Structure a Strong Literature Review

Get to know the basics of designing and structuring a strong literature review, from finding previous research in the area, identifying relationships or patterns, strengths and weaknesses, gaps in the research and conflicting evidence

Dr. Eman Kurdi - Dar Al-Hekmah University

10:00-11:00



Skill Level

A

Using Software Programs for Academic Writing

Learn about the features of Zotero that can help you in the writing process

Dr. Lama Khoshaim - Saudi Electronic University

1:00-2:00



Skill Level

A

Types of Literature Reviews

Common types of literature reviews such as traditional or narrative reviews, systematic reviews, scoping reviews, meta-analyses, to identify the differences between them and selecting the appropriate type for your research project

Dr. Eman Kurdi - Dar AlHekmah University

5:00-7:00



Skill Level

E

Masterclass on Meta-Analysis

Dr. Hadeel Al-Qufaidy - King Saud University

8:00-9:00



Skill Level

A

Individual Session with an Academic Writing Expert

Dr. Abeer Alyami - Jeddah University

DAY 4

Research Methodology and Tools

Wednesday, August 18, 2021

9:00-10:00



Skill Level

A

Understanding Research Methodology

Understanding different research methodologies and the difference between methodology and methods and how to select what is appropriate for your research idea

Dr. Rabab Hashem - Jeddah University

10:00-11:00



Skill Level

A

Using Mixed Methods in Research

Understanding the nature of the mixed methods research, its foundations and designs, mechanisms of data collection, analysis, and interpretation, writing methods and evaluating for this type of research

Dr. Dalal Al Abbasi - Dar Al-Hekmah University

11:00-12:00



Skill Level

A

Getting to Know Different Statistical Analysis Programs

Getting to know the various statistical analysis software programs such as SPSS, EViews, Stata, JMP, Minitab 18. R Studio...and how to select the most appropriate for your research

Dr. Abdulaziz Al-Maktoum - Effat University

12:00-1:00



Skill Level

E

Using Matlab and Mathematical Modelling for Research

Learn the methods of using the program to analyze data and design models and algorithms

Dr. Abdulaziz Al-Maktoum - Effat University

5:00-7:00



Skill Level

B

Masterclass on Survey Design

Understand the fundamentals of designing high-impact surveys for research, selecting questions with relevance and their types for ease of analysis and the principles of validity and reliability to ensure robustness of your findings

Dr. Ebtessam El-Sayed - Saudi Electronic University

7:00-8:00



Skill Level

A

Individual Session with an Expert in Research Methodology

Dr. Rabab Hashem - Jeddah University

DAY 5

Qualitative Research

Thursday, August 19, 2021

9:00-10:00



Skill Level

A

Qualitative Research for Beginners

Introduction to Qualitative Data Analysis, Coding, Identifying Data Patterns and managing your project

Dr. Abeer Al-Yami - Jeddah University

10:00-12:00



Skill Level

A

Tips and Tricks for Transcribing Interviews

Practical advice for transcription, levels of verbatim, options for software, preparing transcripts to import into software for analysis

Dr. Abeer Al-Yami - Jeddah University

4:00-5:00



Skill Level

E

Issues in Qualitative Research

Dedicated session to discuss issues in qualitative research from design to analysis and writing

Dr. Farida Larry - Dar Alhekmah University

5:00-7:00



Skill Level

E

Skills in Qualitative Research

Skills in quantitative research: planning and scheduling, maintaining accurate records, selecting programs and software to ensuring academic rigour and other issues

Dr. Farida Larry - Dar Al-Hekmah University

7:00-9:00

Skill Level

A

Free Writing Session

Are you looking for uninterrupted time to write or work on part of your research? Join these sessions where we write together...no chatting or discussions these sessions are hosted by a timekeeper

Dr. Haya Zedan - Saudi Electronic University

DAY 6



Sunday, August 22, 2021

Unlock Insights in Your Data with Powerful Analysis Using NVivo with the Expert

Dr. Noorah Almalki - King Abdulaziz University

9:00-10:00



Skill Level

B

Introduction to NVIVO and Data Management

How to create a new project in NVIVO and import data. Create and use folders and memos for your data and begin coding

10:00-11:00



Skill Level

B

A Review of Coding Techniques and Analytic Processes in NVIVO 2020

How to begin coding your data and using skills for the program including auto-coding

11:00-12:00



Skill Level

A

Multimedia Data and Integrations in NVIVO

Simple and effective techniques to increase the value of your research work. What to add to them and how to use them either electronically or paper-based

12:00-1:00



Skill Level

E

Results Visualisation and Reporting with NVIVO

How to use the text query functions in the program and look for word or phrase frequencies in your data, and using the visualisation tools on your findings with some pro tips

5:00-6:00

Skill Level

A

Individual Session with an Expert in NVIVO

with Dr. Noorah Almalki

6:00-7:00

Skill Level

A

Individual Session with an Expert in Qualitative Research

with Dr. Farida Larry - Dar AlHekmah University

7:00-9:00

Skill Level

A

Free Writing Session

with Dr. Lama Koshaim - Saudi Electronic University

NOTE

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BENE

Trainees are advised to download the latest NVivo 2020 for either MAC or Windows via this barcode

The NVivo trial lasts 14 days so it is recommended that you download it a day or two before the session



DAY 7

Quantitative Research

Monday, August 23, 2021

9:00-10:00



Skill Level

B

Using Basic Statistical Measures

Basics of quantitative analysis, hypotheses, independent and dependent variables, levels of measurement and descriptive statistics

Dr. Sonda Elloumi - Saudi Electronic University

10:00-12:00



Skill Level

A

Statistical Testing Methods

Understanding when to use different statistical tests such as t-tests, ANOVA, correlations, regression, non-parametric statistics

Dr. Abdulaziz Al-Maktoum - Effat University

4:00-5:00



Skill Level

A

Tips for Quantitative Analysis

Learning tips on how to enter, save, code and clean data in preparation for analysis, selecting appropriate programs, and working with statistical advisory or support

Dr. Ebtessam El-Sayed - Saudi Electronic University

5:00-7:00



Skill Level

A

Test Your Statistical Knowledge

Interactive discussion where research scenarios are presented, and appropriate statistical methods are discussed

Dr. Aisha Najem - Saudi Electronic University

7:00-9:00

Skill Level

A

Networking Session

Dr. Haya Zedan - Dr. Raniyah Wazirali -Dr. Lama Khushaim

DAY 8

Learn **SPSS** with the Expert

Tuesday, August 24, 2021

Dr. Salemah Al-Mutlaq

9:00-10:00



SPSS Introduction

Get to know how to use basic features in SPSS for your data analysis including data entry from Excel

10:00-11:00



SPSS Going Further

This session provides intermediate level skills in variable and file manipulations, working with multiple response data, merging files and SPSS syntax

11:00-12:00



Running Complex Analyses Using SPSS

How to run commonly used statistical tests in SPSS such as descriptive statistics, ANOVA, Correlations and Chi-Square, and tips on interpretations and writing up

12:00-1:00



Reporting and Generating Charts and Graphs in SPSS

This session will go into details on reporting features in SPSS, and how to create different types of charts and graphs using your data to effectively visualise your findings

4:00-5:00



SPSS Individual Session with an Expert in the Program

5:00-6:00



Individual Session with an Expert in Quantitative Research

7:00-9:00



Free Writing Session

with Dr. Haya Zedan - Saudi Electronic University

DAY 9

Motivation and Inspiration

Wednesday, August 25, 2021

Meet the expert researchers and benefit from their experience

10:00-12:00

Motivation and Inspiration Panel

Dr. May Al-Nbaheen – Saudi Electronic University

Dr. Maysa Al-Qurashi – King Saud University, Saudi Electronic University

4:00-5:00



Skill Level

A

Selecting Scientific Journals for Research Publication

Learn how to identify the quality of the journals you are considering for publishing your research and the requirements of the entity you are affiliated with

Dr. Saja Al-Mazrou - King Saud University

5:00-6:00



Skill Level

E

Tips on Submitting for Publication: Preparing Your Manuscript According to Journal Requirements

Practical tips on formatting your manuscript according to journal requirements from authors to increase your chances of acceptance for publication

Dr. Hind Al-Khalifa - King Saud University

6:00-7:00



Skill Level

A

Understanding Journal Rankings and Impact Factors

Learn more about understanding journal rankings and associated impact

Dr. Sina Al-Aqeel - King Saud University

7:00-9:00



Skill Level

A

Individual Session with an Expert in Academic Promotions

Dr. Raniyah Wazirali - Saudi Electronic University

END OF WEmpower

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