**Academic Curriculum Vitae**

**(Name)**



**Zainab Alwan Makawi Hussein**

1**. Personal Information:**

**Name: Zainab Alwan Makkawi Hussein**

**Born: Baghdad / 1986**

**Scientific title: Instructor Doctor**

**University: Baghdad**

**Department: Natural History Research Center and Museum**

**Section: Vertebrates**

**Appointment date: 3/18/2012**

**2. Ismailia Academy:**

**1- Bachelor's degree in veterinary medicine and surgery**

**Year Acquired: 2008-2009**

**University: Baghdad**

**Faculty: Veterinary Medicine**

**2- Masters**

**General specialty: veterinary medicine and surgery**

**Detailed specialty: Parasitology**

**Year obtained: 12/1/2017**

**University: Baghdad**

**Faculty: Veterinary Medicine**

**Date of obtaining the title: 12/1/2017.**

**Master's thesis title:**

**Survey of the intestinal protozoa in sheep, handlers and drinking water in waist province/ Iraq**

**- Ph.D**

**General specialty: veterinary medicine and surgery**

**Detailed specialty: Parasitology**

**Year obtained: 11/22/2020**

**University: Baghdad**

**College: veterinary medicine**

**Date of obtaining the title: 1/17/2021**

**PhD dissertation title:**

**Prevalence of some intestinal protozoa and genotyping of *Giardia duodenalis* in cattle in some areas of Wasit province**

**3. Current job title:**

**\*University lecturer Dr. 17/1/2021 on the owner of the Natural History Research Center and Museum/ University of Baghdad.**

**\*** **Head of the Invertebrates Department 2021/Natural History Museum and Research Center/University of Baghdad.**

**4. Previous jobs:**

**A resident veterinarian at the veterinary clinic in the district of Essaouira / Wasit**

**5. Professional Honors:**

**Thanks and appreciation**

**1- Thanks and appreciation from the President of Baghdad University for publishing an international magazine within Thomsen containers.**

**2- Thanks and appreciation from the Director of the Natural History Research Center and Museum for the distinguished role in completing the performance appraisal file.**

**3- Thanks and appreciation from the Director of the Natural History Research Center and Museum in appreciation of the efforts made in the success of the scientific symposium tagged (protecting the flamingo in our marshes and its importance in sustainable environmental development).**

**4- A certificate of appreciation from the Director of the Natural History Research Center and Museum in appreciation and appreciation for the active participation in the success of the scientific symposium held by the Natural History Research Center and Museum and tagged (biodiversity and environmental balance in Iraq).**

**5- Thanks and appreciation from the director of the Natural History Research Center and Museum on December 28, 2020 for the efforts made to inventory the center's inventory.**

**6-Thanks and appreciation from the Director of the Research Center and Museum of Natural History on 12-15-2022 for active participation in the work of the Scientific Committee of the scientific symposium tagged (common diseases and their vectors in Iraq), which was held on 12-15-2022**

**7- Acknowledgment from the Director of the Natural History Research Center and Museum on 12-15-2022 for active participation. Presenting a scientific poster for the scientific symposium tagged (common diseases and their vectors in Iraq), which was held on 12-15-2022.**

**6-Research:**

**1-Pathogenic intestinal parasites found in fresh water of the Tigris River.**

**Afkar M. Hadi – Zainab A. Makawi**

**Volume 17(11):608-619, 2013**

**2- An Incidence of intestinal protozoa infection in sheep, sheep handlers and non-handlers in Wasit Governorate/ Iraq**

**Zainab A. Makawi 1, Mohammed Th. S. Al-Zubaidi 1, Abdulkarim J. Karim**

**Mirror of Research in Veterinary Sciences and Animals. 5 (3), 1-7**

**3- Parasitic contamination of drinking water and its prevalence among handlers and sheep**

**Zainab A. Makawi and Mohammed Th. S. Al-Zubaidi**

**The Iraqi Journal of Veterinary Medicine, 41(2)*.***

|  |
| --- |
| **4-Prevalence of intestinal parasites found in Al-Razazza Lake, Iraq** |
| **Afkar Muslim Hadi\*¹, Zainab Alwan Macawi², Hind Dyia Hadi³**   |  | | --- | | Vol. 11, No. 5, p. 329-334, 2017 | |

**5- Diagnosis of Some Parasites of Asian Catfish *Silurus Triostegus* (Heckel, 1843)**

**Azhar A. Al-Moussawi\*¹, Afkar M. Hadi²** , **Zainab Alwan Macawi³**

**ABR Vol 9 [3] May 2018**

**6-PREVALENCE OF PATHOGENIC PARASITES IN RIVER WATER IN**

**DIYALA PROVINCE**

**ZAINAB A. MAKAWI**

**IJABR, VOL.8 (2) 2018: 264-267**

**7- Prevalence of *Buxtonella sulcata* in Sheep and Supplied drinking water**

**Zainab A. Makawi**

**The Iraqi Journal of Veterinary Medicine, 43(1):217 – 220*.***

**8-Review on spread of parasitic hard ticks on field animals in Iraq**

**Zainab A.Makawi, Suhad Y. Jassim & Khalida I.Hasson**

**9-PREVALENCE OF INTESTINAL PROTOZOA IN DEER IN MIDDLE OF IRAQ .**

**Hind Dyia Hadi1\*, Zainab Al. Makawi1 and Tara Aso Taher2, Vol. 20, Supplement 1, 2020 pp. 2013-2016**

**10- BLOOD PARASITES AFFECTS LOCAL RABBITS IN IRAQ, A REVIEW.**

Hind D. Hadi1, Zainab A. Makawi 1, Farah A. Abedulmujeeb2/151-157. 2020, VOL 2, ISSUE/1

**11-Isolation and Identification of intestinal protozoa from Ostriches in middle of Iraq.**

**Zainab A. Makawi and Suhad Y. Jasim**

**Plant Archives Vol. 20, Supplement 2, 2020 pp. 1135-1139**

**12- Revision of some species of the genus Cryptosporidium (Tyzzer, 1907) (Eucoccidiorida, cryptosporidiidae) in cattle in Iraq**

**Zainab A. Makawi, Hind D Hadi 1 and Azhar Ali 2**

**GSC Biological and Pharmaceutical Sciences, 2021, 14(01), 116–120.**

**13- Revision of some trematodes (Plagiorchiida: Microphallidae) from different birds in Iraq**

**Suhad Y Jassim, Noor Hussein Yousif \* and Zainab A Makawi**

**GSC Biological and Pharmaceutical Sciences, 2021, 15(02), 166–170.**

**14- STUDY OF SOME MORPHOMETRIC FEATURES AND FEEDING HABITS OF Cyprinus carpio (Linnaeus, 1758) AND Coptodon zillii (Gervais, 1848) COLLECTED FROM TIGRIS RIVER, IRAQ**

**Mohammed I. Ghazwan, Suhad Y. Jassim, Zainab A. Makawi**

**Technium BioChemMed Vol. 2, Issue 2 pp.117-124 (2021).**

**15-I**[**SOLATION AND IDENTIFICATION OF INTESTINAL PARASITES IN OSTRICHES STRUTHIO CAMELUS LINNAEUS, 1758 FROM MIDDLE OF IRAQ**](https://www.researchgate.net/profile/Zainab-Makawi-2/publication/362231195_ISOLATION_AND_IDENTIFICATION_OF_INTESTINAL_PARASITES_IN_OSTRICHES_STRUTHIO_CAMELUS_LINNAEUS_1758_FROM_MIDDLE_OF_IRAQ/links/62de618f3c7d190316aa79ad/ISOLATION-AND-IDENTIFICATION-OF-INTESTINAL-PARASITES-IN-OSTRICHES-STRUTHIO-CAMELUS-LINNAEUS-1758-FROM-MIDDLE-OF-IRAQ.pdf)

Zainab A. Makawi1\* and Haleem Hamza Hussein

Biochemical and Cellular Archives

**16-**Revision of public health and clinical importance of amoebiasis in Iraq

**Zainab A Makawi \*, Hiba Mohammed Jihad and Noor Hussein Yousif**

GSC Biological and Pharmaceutical Sciences (GSCBPS)

**17-**Isolation of different parasites from the freshwater of Euphrates River in Anbar Province, Iraq

Zainab A.Makawi and Suhad Yasin Jassim

Revista Bionatura

**18-Review of the freshwater snail Melanoides tuberculata (O. F. Müller, 1774) (Gastropoda, Thiaridae)**

Hiba Mohammed Jihad \* and Zainab A. Makawi

GSC Biological and Pharmaceutical Sciences (GSCBPS)

**19- IDENTIFICATION OF HARD TICKS FROM BUFFALO BUBALUS BUBALIS (LINNAEUS, 1758) IN IRAQ**

Zainab A. Makawi\* and Afkar M. Hadi

BULLETIN OF THE IRAQ NATURAL HISTORY MUSEUM/ (2023) 17 (3):423-434

**20-** Isolation and identification of intestinal parasites from Goats in some areas of Wasit Province, Iraq

Zainab A. Makawi

Revista Bionatura

**21- Diversity of Hard Ticks (Acari,Ixodidae) Infestion in Arabian Camel in Iraq**

**Iraqi journal of science / Afkar M. Hadi and Zainab A. Makawi**

**22- A Review of the Prevalence and Risk Factors for *Giardia* Speciesin Goats of Iraq**

**Bionatura/ Zainab A. Makawi and Suhad Y Jassim**

**7-Knowledge Exchange and Professional Practice:**

**- Providing scientific advice to the teacher Farah Abdul-Jalil Abdul-Mujib / College of Languages ​​/ University of Baghdad on 8/4/2019**

**- Diagnosing models for teacher Naseer Sadiq Jaafar / College of Veterinary Medicine / University of Baghdad on 12/6/2019**

**- Diagnosing models for graduate student Haid Naim Muhammad / Department of Life Sciences / College of Education for Pure Sciences / University of Karbala on 9/29/2019**

**- Diagnosing models for the assistant teacher Khawla Hussein Sabbar / Department of Chinese Production / College of Agriculture / University of Al-Qadisiyah on 29/9/2019**

**Diagnosing models for graduate student Ghassan Jabbar Khalaf / Parasitology Branch / College of Veterinary Medicine / University of Baghdad on 10/2/2019.**

**- Diagnosing models for graduate/Masters student Zainab Abbas Tahmaz / College of Education / Tikrit University on 6/6/2021.**

**Diagnosing models for graduate/Masters student Zainab Jawad / College of Science / Wasit University / on 7/25/2021**

**8-Contributions to the School/Department and Institution:**

1- Responsible for quality assurance and university performance.

2- Responsible for the Scientific Affairs Unit

3- Member of the magazines accreditation committee

4- Member of the Continuing Education Committee.

5- Member of the Seminars Committee.

6- A member of the electronic archiving committee.

7- A member of the preparatory committee.

8- Member of the Chemicals Committee.

9- Head of the Baghdad University Directory Update Committee

10- Head of the Anti-Narcotics Committee

11-Chairman of the Center's Inventory Committee

12-Member of the Center's Complexity Committee

13- Member of the Scientific Committee of the International Conference of the Natural History Research Center and Museum

14- Member of the Scientific Committee of the Fourth International Conference and the Twelfth National Conference on Biotechnology in Iran.

**15-Chairman of the Committee to follow up the organization of the library and the display of valuable books and magazines for the International Scientific Conference on Natural History and Wildlife, held on 11-25/24/2021.**

**16-** **Member of the Committee for the Maintenance of the Department of Fish and Insects of the International Scientific Conference on Natural History and Wildlife, held on 24-25/11/2021**

**17-** **Member of the Scientific Committee of the Scientific Symposium (Common Diseases and Their Vectors in Iraq) held at the Natural History Museum and Research Center on 12-15-2022**

**18-** **Member of the Higher Education Fund Committee of the Natural History Museum and Research Center on 5-8-2022**

**9-Scholarship and Professional Development:**

**1- Participation in the educational qualification course for teachers, Center for Development and Continuing Education / University of Baghdad.**

**2- Participation in the Arabic language course for teachers, Center for Development and Continuing Education / University of Baghdad.**

**3- Participation in the Arabic language safety course at the Natural History Research Center and Museum / University of Baghdad.**

**4- Participation in the language validity course / College of Arts / University of Baghdad.**

**5- Participation in a scientific research in the first student scientific conference for postgraduate students in the College of Veterinary Medicine / University of Baghdad 19/3/2018.**

**6- Participation as an audience in the first scientific conference in the College of Veterinary Medicine / University of Diyala. Which was held under the slogan (By scientific research, we enhance the victories of our armed forces and our holy mobilization, and we advance for the better in our national economy) on 2-3/5/2018**

**7- Participation as an attendee in the International Conference of the College of Veterinary Medicine / Sadat City University / Dean's Office entitled (Veternary Medicine and Sustainable Development Goals) on 9-10/3-2021.**

**8- Participation as an audience in the first international conference on geological heritage and geotourism) on 11/11/2019.**

**9-** **Participation as an attendee in a course (How to add published research that is not included in the researcher’s profile within the Scopus database), which was held on 9/26-27/2022 at the University of Diyala.**

**10- Participation as an attendee in a course (the damages of chemical and herbal thinners on the human body), which was held on 15-16/1/2023 at the University of Tikrit**

**11- Participation as an attendee in a course (the effect of smoking on testosterone and infertility in men), which was held on 26-27/1/2023 at the University of Tikrit**

**12- Participation as an attendee in the course (basic skills required for new graduates in the labor market), which was held on 16-17/5/2023 at the University of Tikrit**

**13- Participation as an attendee in the course (Digital Security and Information Protection), which was held on 12-13/5/2023 at the University of Tikrit**

**10-Participation in providing services to society:**

**11-Other Relevant Information:**

**Seminars:**

**1 - Attendance of the symposium (the impact of the expected drought on plant diversity in Iraq) on the hall of the Center for Research and Natural History Museum / University of Baghdad**

**2 - Attend the seminar tagged (protection of the Marshes a national responsibility) on the hall of the Center for Research and Natural History Museum / University of Baghdad.**

**3 - Attend the seminar tagged (avian influenza) in the Research Center and Museum of Natural History / University of Baghdad.**

**4 - Attend the seminar tagged (limiting the random administration of antibiotics) in the Center for Research and Museum of Natural History / University of Baghdad.**

**5 - Attending the scientific symposium tagged (biodiversity of the Marshlands of Iraq) Research Center and Museum of Natural History / University of Baghdad.**

**6 - Attending the scientific symposium tagged (biodiversity and environmental balance in Iraq) Research Center and Museum of Natural History / University of Baghdad.**

**7 - Participation in the electronic scientific symposium (Virus Corona Symptoms and Methods of Prevention) on 5-4-2020 at the College of Applied Sciences / University of Fallujah.**

**8- Participation in the electronic scientific symposium (vaccines between reality and ambition) on 14-4-2020 in the College of Applied Sciences / University of Fallujah.**

**9 - Participation in the International Scientific Electronic Symposium (The development of covid-19 and its Effects) from the College of Applied Sciences / University of Fallujah on 16-4-2020.**

**10- Participation in the international electronic scientific symposium (covid-19) from the College of Applied Sciences / University of Fallujah on 2-5-2020.**

**11- - Participation in the international electronic scientific symposium (chemical, Biological, Radiologicaland nuclear CBRN safty and security in laboratories) from the College of Applied Sciences / University of Fallujah on 12-5-2020.**

**12-.Participations in the evaluation of scientific research:**

**a research evaluation from the Journal of Tikrit University / College of Science on 25-7-2021 titled (Some of epidemiological criteria associated with cutaneous leishmaniasis in Tikrit city, Salah Al-Din province).**

**-American Journal of Animal and Veterinary Sciences (17 ) research**

**-Revista Bionatura (3 ) research**

**-Tikrit Journal for Agricultural Sciences (2 ) research**

**-Bulletin of the Iraq Natural History Museum (1 ) research**

**-Diyala Journal of Veterinary Sciences(1 ) research**

**-International Scientific Congress of Pure, Applied and Technological Science (1 ) research**

**MINAR International Congress of Applied and Technological Sciences (1 ) research**

**13. Any other information (not mentioned previously), including the scientific seminars:**

**Participating in seminars:**

**1- Attending the symposium tagged (the expected impact of drought on plant diversity in Iraq) in the hall of the Natural History Research Center and Museum / University of Baghdad.**

**2- Attending the symposium tagged (protecting the marshes is a national responsibility) in the hall of the Natural History Research Center and Museum / University of Baghdad.**

**3- Attending the symposium tagged (bird flu) at the Natural History Research Center and Museum / University of Baghdad.**

**4- Attending the symposium tagged (reducing the indiscriminate use of antibiotics) at the Natural History Research Center and Museum / University of Baghdad.**

**5- Attending the scientific symposium tagged (Biodiversity of the Marshes of Iraq) Natural History Research Center and Museum / University of Baghdad.**

**6- Attending the scientific symposium tagged (Biodiversity and Environmental Balance in Iraq) Natural History Research Center and Museum / University of Baghdad.**

**7- Participation in the electronic scientific symposium (Corona virus symptoms and methods of prevention) on 4-5-2020 at the College of Applied Sciences / University of Fallujah.**

**8- Participation in the electronic scientific symposium (vaccines between reality and ambition) on 4/14/2020 at the College of Applied Sciences/University of Fallujah.**

**9- Participation in the international electronic scientific symposium (The development of covid-19 and its effects) from the College of Applied Sciences / Fallujah University on 4-16-2020.**

**10- Participation in the International Electronic Scientific Symposium (covid-19) from the College of Applied Sciences / Fallujah University on 5/2/2020.**

**11- Participation in the international electronic scientific symposium (chemical, biological, radiological and nuclear CBRN safty and security in laboratories) from the College of Applied Sciences / University of Fallujah on 5-12-2020.**

**12- Participation in the electronic scientific symposium of the Center for Continuing Education / University of Baghdad entitled (Empowering Iraqi Women Leadership) on 10/3/2021.**

**13-Participation in the electronic scientific symposium of the Center for Continuing Education / University of Baghdad entitled (electronic platforms and their role in education and training in light of the Corona pandemic, the pros and cons) on 7/4/2021.**

**14-** **Participation in the scientific symposium at the Natural History Museum and Research Center (the reality of the aquatic environment and its impact on biodiversity) held on 12/23/2021.**

**15-Participation as an attendee in the scientific symposium (Health effects of phenolic compounds and their types) held on 1/24/2023 at the University of Tikrit.**

**Lectures:((Giving lectures)):**

**1- Giving a lecture on the candidate’s eligibility to teach. The lecture included (a survey of the intestinal protozoa in sheep, breeders and drinking water) at the College of Veterinary Medicine / University of Baghdad.**

**2- Giving a lecture on the Cryptosporidium parasite**

**Cryptosoridium on the hall of the Natural History Research Center and Museum / University of Baghdad.**

**3- Giving a lecture on the parasite Entamoeba histolytica**

**Entamopea histolitica on the hall of the Natural History Research Center and Museum / University of Baghdad.**

**4- Delivering a lecture on the parasite Giardia in the hall of the Natural History Research Center and Museum / University of Baghdad Giardea.**

**5- Giving a lecture on (the effect of toxoplasmosis on human health) in the hall of the Natural History Research Center and Museum.**

**6- Giving a lecture on (Ascaris in humans) in the hall of the Natural History Research Center and Museum.**

**7- Giving a lecture on (drug abuse and its negative effects) in the hall of the Research Center and the Natural History Museum.**

**8- Giving an electronic lecture entitled (Corchidism: hookworm) in the hall of the Natural History Research Center and Museum on 3/31/2021.**

**9- Giving an electronic workshop entitled (Human and Animal Infection with Intestinal Protozoa) at the Natural History Research Center and Museum on 3/31/2021.**

**10-Giving a workshop entitled (The most important parasitic diseases and their prevention) at the Natural History Museum and Research Center on 3-12-2023.**

**11- Giving a workshop entitled (Occupational Safety in Laboratories) at the Natural History Museum and Research Center on 3-12-2023.**

**12- Giving a workshop entitled (Identification of Malaria) at the Natural History Museum and Research Center on 1-8-2023.**

**Delegates, workshops and scientific courses:**

**1- Delegating to the holy governorate of Karbala (Lake Al-Razzaza and Al-Tar Caves) for the purpose of conducting field surveys and collecting samples.**

**2- A workshop on the quality classification of educational laboratories - University of Baghdad - College of Engineering.**

**3- A workshop on the manufacture of snake poisons in the hall of the Natural History Research Center and Museum / University of Baghdad.**

**4- Participation in the workshop (The Reality of Black Widow Spiders in Iraq) at the Natural History Research Center and Museum.**

**5- Participation in the workshop (the new promotion law) at the Natural History Research Center and Museum / University of Baghdad.**

**6- Participation in an electronic workshop (PCR primers design) at Al-Tusi University College on 4-8-2020.**

**7- Participation in an electronic workshop (the most important applications of Excel) at the College of Applied Sciences / Fallujah University on 9/4/2020.**

**8- Participation in an electronic workshop (Corona, the horror that is sweeping the world, a form of imagination and reality together) at the University College of Knowledge on 4-7-2020.**

**9- Participation in an interactive electronic workshop (principles of project management between planning and implementation strategies) presented by the Dimensions Foundation for Development on 4-12-2020.**

**10- Participation in an electronic workshop (Using Google applications in making remote lectures) at the Al-Miqdad College of Education on 4-11-2020.**

**11- Participation in a virtual electronic workshop (problem solving strategies and decision-making) from the University of Diyala / Continuing Education Center - on 4-12-2020.**

**12- Participation in an electronic workshop (e-learning using Google classroom) from the College of Education for Pure Sciences / University of Diyala. Rehabilitation, recruitment and follow-up unit. On 4/14/220.**

**13- Participation in an electronic workshop (creation & organization of virtual classes using G-suite for education)**

**From Toshi University College on 4/14/2020.**

**14- Participation in an electronic workshop (Using the Iraqi Scientific Virtual Library) from the University of Baghdad - General Secretariat of the Central Library on 12/4/2020.**

**15- Participation in an electronic workshop (Human Resources Audit) from the University of Baghdad - General Secretariat of the Central Library on 12/4/2020.**

**16- Participation in an electronic workshop (using google drive to store storage and file sharing storage) from the College of Science / Al-Mustansiriya University on 11/4/2020.**

**17- Participation in an electronic workshop (How to prevent cheating in an electronic test) from the University of Baghdad / College of Languages ​​/ Ibn Sina Center in cooperation with Continuing Education on 11/4/2020.**

**18- Participation in an electronic workshop (Thermoelectric Devices) from the Continuing Education Center, Al-Mustansiriya University on 12/4/2020.**

**19- Participation in an electronic workshop (electronic test via Google Drive) from the University of Diyala / Continuing Education Center on 4/16/2020.**

**20- Participation in an electronic workshop (psychological first aid) from Al-Tusi University College on 15/4/2020.**

**21- Participation in an electronic workshop (Exams at G-suite for education) from Al-Tusi University College on 16/4/2020.**

**22- Participation in an electronic workshop (How to get published in high-journals) from Al-Tusi University College on 17/4/2020.**

**23- Participation in an electronic workshop (how to prepare and manage electronic exams using the google classroom platform) from the College of Applied Sciences / Fallujah University on 13/4/2020.**

**24- Participation in an electronic workshop (Moodle LMS in university of Kufa course mangment) from the College of Agriculture / University of Kufa on 7/4/2020.**

**25- Participation in an electronic workshop (the most important tools used in the google class room platform) from Al-Maaref College / Computer Science Department on 04/15/2020.**

**26- Participation in an electronic workshop (scientific interaction through electronic platforms) from the Department of Fundamentals of Religion - College of the Great Imam University on 4/19/2020.**

**27- Participation in an electronic workshop (e-learning) from Al-Mustansiriya University / Continuing Education Center on 4/16/2020.**

**28- Participation in a virtual training electronic workshop (Iraqi Virtual Scientific Library Ivsl and google scholar) from the Continuing Education Center / University of Baghdad - on 4-7-2020.**

**29- Participation in an electronic workshop (the method of writing a master’s thesis or doctoral thesis Dissertation)) from the Continuing Education Center / University of Baghdad - on 4-9-2020.**

**30- Participation in an electronic workshop (linguistic errors and number writing) from the Center for Continuing Education / University of Baghdad - on 4-12-2020.**

**31- Participation in an electronic workshop (Leadership and Management) from the Continuing Education Center / University of Baghdad - on 4-6-2020.**

**32- Participation in an electronic workshop (interactive lecture) from the Continuing Education Center / University of Baghdad - on 4-2-2020.**

**33- Participation in an electronic workshop (certificate of a mechanism for writing and publishing research in journals included in international databases) from the Continuing Education Center / University of Baghdad - on March 31, 2020.**

**34- Participation in an electronic workshop (creating electronic tests using electronic classes from Google) from the Center for Continuing Education / University of Baghdad - on 4-4-2020.**

**35- Participation in an electronic workshop (Quality of University Education) from the Continuing Education Center / University of Baghdad - on 4-8-2020.**

**36- Participation in an electronic workshop (methods of working the electronic class in the google classroom from A-Z and methods of working the electronic questionnaire) from the Continuing Education Center / University of Baghdad - on 11-4-2020.**

**37- Participation in an electronic workshop (the art of formal correspondence in administrative correspondence) from the Center for Continuing Education / University of Baghdad - on 4-5-2020.**

**38- Participation in an electronic workshop (SWAT analysis in crises) from the Iraq Youth Center for Studies and Training on 4-6-2020.**

**39- Participation in an electronic workshop (developing the effectiveness of the university professor) from the Continuing Education Center / University of Baghdad - on 4/14/2020.**

**40- Participation in an electronic workshop (Using the Mendeley Program in Documenting and Managing Scientific References) from the Institute for the Preparation of Trainers / Central Technical University / Baghdad / Iraq on 4/23/2020.**

**41- Participation in an electronic workshop (the most important tools used in the Google classroom platform and how to conduct an electronic controlled test) from the Faculties of Knowledge / Computer Science Department on 04/15/2020.**

**42- Participation in an electronic workshop (on the use of the Google classroom platform) from the Administrative Technical College on 12/4/2020.**

**43- Participation in an electronic workshop (middle leadership - successful manager)**

**From the Center for Continuing Education / University of Baghdad - on April 23, 2020.**

**44- Participation in an electronic workshop (Livestock and Environment) from Sumer University on April 23, 2020.**

**45- Participation in an electronic workshop (Introduction to the Micro - controllers and Arduino) from Wasit University on 04/23/2020.**

**46- Participation in an electronic workshop (laboratory tests for rubber products) from the University of Qadisiyah / College of Engineering on 4/10/2020.**

**47- Participation in an electronic workshop (Corona Virus Symptoms and Methods of Prevention) from the University of Fallujah / College of Applied Sciences on 4/5/2020.**

**48- Participation in an electronic workshop (activating the use of the research gate) from the University of Baghdad / Continuing Education Center on 04/25/2020.**

**49- Participation in an electronic workshop (How do I choose the right journal to publish my manuscript) from the College of Veterinary Medicine / University of Baghdad / on 5/5/2020.**

**50 - Participation in an electronic workshop (Development of the mangment system in education & learning Enviroonments)**

**From the Center for Continuing Education / University of Fallujah - on 20/5/2020.**

**51- Participation in an electronic workshop (physics and E-learning) from the College of Science and Girls’ Sciences / University of Baghdad on 5/21/2020.**

**52- Participation in an electronic workshop (Using the Iraqi Scientific Virtual Library) from the University of Baghdad / General Secretariat of the Central Library on 12/4/2029.**

**53- Participation in an electronic workshop (Human Resources Audit) University of Baghdad / General Secretariat of the Central Library on 12/4/2029.**

**54- Participation in an electronic workshop (vaccines ... between reality and ambition) from the College of Applied Sciences / Fallujah University on 4/14/2020.**

**55- Participation as an attendee of the electronic seminar (classification and stabilization of species using genetic analyzes technology and species registration in the NCBI Gene Bank) on February 21, 2021 at the Natural History Museum and Research Center.**

**56- Participation as an attendee of the electronic seminar (Introduction to Addictive Drugs) on February 18, 2021 at the Natural History Museum and Research Center.**

**57- Participation as an attendee of the electronic seminar (simulation in plants) on February 21, 2021 at the Natural History Research Center and Museum.**

**58 - Participation in the capacity of attending the electronic workshop entitled (the importance of implementing the quality system and methods of obtaining reliability) on 20-3-2021.**

**59- Participation as an attendee for the electronic workshop entitled (The Job Happiness Industry) held in the General Directorate of Anbar Education on 11-10-2020 On 05/21-2021.**

**61- Participation in the capacity of attending the electronic workshop entitled (Indico Management System for Scientific Activities), which was held by the Website Division / University of Baghdad on 7-8-2021.**

**62-** **Participation as an attendee of the electronic workshop entitled (Publishing in Highly Sobriety Magazines in Clarvet), which was held by the Supervision and Scientific Evaluation Authority 8-15-2021.**

**63- Giving a workshop entitled (Harmfuls of smoking (hookah) at the Ministry of Electricity**

**64- Participation in the capacity of attending the workshop (study vacations inside Iraq) on 12-22-2021, which was held by the Scientific Affairs Department / University of Baghdad.**

**65- Participation as an attendee of the workshop (the impact of social communication programs on the scientific level of students) on 18-1-2023, which was held by the Central Technical University.**

**66 -- Participation as an attendee of the workshop (Proper ways to scientific promotion according to instructions 167 of 2017) on 5-11-2023, which was held by the Central Technical University.**

Search Sites to Visit

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| Scopus lin | Google Scholar link | Research Gate link |
| <https://www.scopus.com/authid/detail.uri?authorId=57216362109> | <https://scholar.google.com/citations?user=-VpGbxkAAAAJ&hl=ar> | <https://www.researchgate.net/profile/Zainab-Makawi-2> |