

Curriculum Vitae

PERSONAL DATA

Name: Heba Salah Mohamed Hamed

Date of Birth: 28 July 1984.

Birth Place: 5th Makka Al-Mokarama St. from El-Safa and
El- Marwa St., Hedayek Al-Kouba, Cairo, Egypt.

Current Address: 5th Makka Al-Mokarama St. from El-Safa and
El- Marwa St., Hedayek Al-Kouba, Cairo, Egypt.

Nationality: Egyptian

Marital status: Single

Current Job: Associate professor of Physiology.

Work Address: Zoology Department Faculty of Women for Arts, Science & Education,
Ain Shams University, Asmaa Fahmy St., Heliopolis, Cairo, Egypt.

P.O. Box: 11757, Cairo, Egypt.

Fax: +2024182042

Mobile: +2 01003756024 / +201115065640

E-mail: hebasalah84@women.asu.edu.eg
heba.salah84@yahoo.com



LINKS

ORCID ID: <https://orcid.org/0000-0002-5308-9884>

Scopus Author ID: 57052481800

Research Gate: https://www.researchgate.net/profile/Heba_Hamed3

Google scholar webpage:

<https://scholar.google.com/citations?user=ME-ZYdIAAAAJ&hl=en&oi=ao>

QUALIFICATIONS

2010-2012 **Doctoral Degree**

Degree: Doctor of Philosophy of Science (Zoology) (Ph.D.)
Title: Physiological, Biochemical and Histopathological
changes in African catfish (*Clarias gariepinus*) exposed to

atrazine herbicide Institute: Ain Shams University, Faculty of Women for Arts, Science & Education, Cairo, Egypt.

2008-2010 Master Degree

Degree: Master of Zoology (M.Sc.)
Title: Physiological and Biochemical studies on the effect of exposure to an organophosphorous compound in African catfish(*Clarias gariepinus*) Institute: Ain Shams University, Faculty of Women for Arts, Science & Education, Cairo, Egypt.

2015-2016 Diploma Professional Diploma in Quality & Accreditation Management Systems in Educational Institutions.

Institute: Ain Shams University, Cairo, Egypt.

2014-2015 Diploma in Physiology and Biochemistry.

Institute: Suez Canal University, Faculty of Science, Ismailia, Egypt.

2001-2005 Bachelor Degree

Degree: Bachelor of Science (B.Sc.)
Specialization: Zoology
Grade: Very Good (ranked as the First in class).
Institute: Ain Shams University, Faculty of Women for Arts, Science & Education, Cairo, Egypt.

PROFESSIONAL EXPERIENCE AND SIGNIFICANT ACHIEVEMENTS

(in descending chronological order)

26 Feb. 2018 - Present ***Associate professor of Physiology:***

Faculty of Women, for Arts, Science & Education, Ain Shams University, Cairo, Egypt.

2012 - 25 Feb.2018 ***Lecturer of Zoology :*** Faculty of Women, for Arts, Science & Education, Ain Shams University, Cairo, Egypt.

2010 - 2012 ***Assistant Lecturer of Zoology :*** Faculty of Women for Arts, Science & Education, Ain Shams University, Cairo, Egypt.

2006 - 2010 ***Demonstrator:*** Faculty of Women for Arts, Science &

Education, Ain Shams University, Cairo, Egypt.

SCIENTIFIC FELLOWSHIPS

12 December 2016 - 16 December 2016 "Sino Egyptian Forum for Joint research in Agricultural Science and Technology, **Huazhong Agricultural University, China.**

CERTIFICATES and AWARDS

- Excellence Award for the "Best Arab-African Woman" year 2022.
- Honored in the International Publishing Ceremonies of Ain Shams University [24th June 2020, 20th January 2021, 3rd August 2021, 23rd January 2022].
- Best Researcher Award" for Science, Medicine and Technology from Pencil International foundation, Dubai- United Arab of Emirates [14 December 2021].
- Oskar Award for The Best Arab university professor in the Field of Science for the year 2019/2020; Arab women Media Network. [1st February 2020].
- Award of Dr. Makram Mohani for Scientific Creativity (Life Sciences), [21st February 2019].
- Medal of tender among the 20th most influential women in the Arab world, in the conference "*Role of Women in facing the challenges of Era*", [17th January 2019].

TEACHING EXPERIENCE

- | | |
|--|--------------------------|
| - General Biology | - Human physiology |
| - Human Biology | - Comparative physiology |
| - Embryology | - Evolution |
| - Biodiversity | - Aquatic biota |
| - Hematology | - Parasitology |
| - Biological Statistics. | - Economic Zoology |
| - Ecology | - Entomology |
| - Biochemistry | - Comparative anatomy |
| - Human rights | - Histology |
| - Invertebrates | - Ethology |
| - Importance of Animal study for Geology | |

ADMINISTRATIVE RESPONSIBILITIES

September 2016 – July 2020 General Coordinator of the credit hours of

"Chemistry/Zoology program & Zoology
Special program, Faculty of Women
for Arts, Science & Education, Ain Shams
University, Cairo, Egypt.

February 2013 - August 2016 Academic guide of the credit hours
program "Chemistry/Zoology", Faculty of Women
for Arts, Science & Education, Ain Shams
University, Cairo, Egypt.

April 2014 – June 2018 Member of "*The administrative structure of
Quality Assurance Unit*", Faculty of Women
for Arts, Science & Education, Ain Shams
University, Cairo, Egypt.

December 2016 – June 2018 Member of "*The standard of the faculty
staff members, Quality Assurance Unit*,
Faculty of Women for Arts, Science
Education, Ain Shams University, Egypt.

2016-June 2018 Member of "*Learning and Teaching standard,
Quality Assurance Unit*, Faculty of Women for
Arts, Science & Education, Ain Shams University,
Cairo, Egypt.

2014-2015 Contributed in designing a "**Biotechnology
Program**", Faculty of Women for Arts, Science
& Education, Ain Shams University, Cairo, Egypt.

2014-2015 Member of "*Scientific research and scientific
activities standard* ", **Quality Assurance Unit**,
Faculty of Women for Arts, Science & Education,
Ain Shams University, Cairo, Egypt .

PROFESSIONAL MEMBERSHIPS

- German physiological Society.
- African Association for sustainable Development.
- Egyptian Society for Quality.
- Naqaa Nanotechnology Network.
- Egyptian Society for Biosciences Advancement.
- Arab Union for Sustainable Development and Environment.
- Egyptian Society for Environmental Sciences.
- Egyptian Society of Food science and Technology.
- The Organization for Women in Science for the Developing World.
- Arabian Aquaculture Society.
- Egyptian Society for Applicable Sciences.
- Egyptian Journal of Aquatic Biology and Fisheries.
- Egyptian Society for Experimental Biology.
- Mediterranean Aquaculture & Environmental Protection Society.
- Egyptian Society of Natural Toxins.
- Zoological Society (A.R.E.).
- Egyptian Society for Molecular Biology.
- Agricultural Chemistry and Environmental Protection Society.
- Egyptian Academic Society for Environmental Development.
- Journal of Biological chemistry & Environmental Sciences.
- Egyptian Biosafety Association.
- Society of Pathological Biochemistry and Hematology.
- Egyptian Aquaculture Society.
- Egyptian Scientific Society for Moringa (National Research Center).
- The Society for Women in Science in Developing Countries – Egypt.

REVIEWER & EDITORIAL BOARD OF JOURNALS

- **Guest editor in "Frontiers in Physiology journal "** in Aquatic Physiology in research topic entitled "Aquatic Physiology, nvironmental Pollution, Nanotoxicology and Phytoremediation".
- Editorial Board Member of **Asian Journal of Emerging Research (AJER)**.
- Editorial Board Member of **SCIRA Journal of Biology**.
- Editorial Board Member of **International Journal of Ecotoxicology and Ecobiology**.

- Editorial Board Member of **SCIRA Journal of Fisheries**.
- Reviewer of **Ecotoxicology and Environmental Safety (Elsevier)**.
- Reviewer of **Environmental toxicology and pharmacology (Elsevier)**.
- Reviewer of **Natural product Research (Taylor & Francis)**.
- Reviewer of **Aquaculture and Fisheries (Elsevier)**.
- Reviewer of **Scientific African (Elsevier)**.
- Reviewer of **Environmental Science and Pollution Research (Springer)**.
- Reviewer of **Journal of Toxicology (Hindawi)**.
- Reviewer of **Aquaculture Research (Wiley Online Library)**.
- Reviewer of **Research Journal of Environmental Sciences**.
- Reviewer of **International Journal of Ecotoxicology and Ecobiology**.
- Reviewer of **Annual Research & Review in Biology**.
- Reviewer of **Toxicology and Industrial Health**.
- Reviewer of **Open journal of Marine Science**.
- Reviewer of **Asian Journal of Fisheries and Aquatic Research**.
- Reviewer of **Egyptian Journal of Zoology**.
- Reviewer of **The Egyptian Journal of Experimental Biology (Zoology)**.
- Reviewer **Journal of Aquatic and Marine Sciences**.
- Reviewer of **Journal of Bioscience and Biotechnology Discovery**.
- Reviewer of the **Journal of Fisheries and Aquaculture research**.
- Reviewer of **International Journal of Biochemistry Research & Review**.
- Reviewer of **Journal of Veterinary Medicine and Animal Health**.
- Supervisor of **three Master theses**.

PUBLICATIONS

1) **Hamed HS, Somya M. Ismal, Abdel Tawwab M** Modulatory effects of cinnamon (*Cinnamomum zeylanicum*) against waterborne lead toxicity in Nile tilapia fingerlings: Growth performance, haemato-biochemical, innate immunity and hepatic antioxidant capacity, *Aquaculture Reports* **2022**, 25 (101190) .

2) **Mansour AT, Hamed HS, El-Beltagi HS, Mohamed WF** Modulatory Effect of Papaya Extract against Chlorpyrifos Induced Oxidative Stress, Immune Suppression, Endocrine Disruption, and DNA Damage in Female *Clarias gariepinus* *Int. J. Environ. Res. Public Health* **2022**, 19 (4640): 1-16.

3) **Tohamy HG, Lebda M A, Sadek KM, Elfeky MS, El-sayed YS, Samak DH, Hamed HS, Abouzed TK** Biochemical, molecular and cytological impacts of alpha-lipoic acid and Ginkgo biloba in ameliorating testicular dysfunctions induced by silver nanoparticles in rats, *Environ. Sci. Pull. Res.* **2022**.

4) **Hamed HS, Ali RM, Shaheen AA, Hussein NM** Chitosan nanoparticles alleviated endocrine disruption, oxidative damage, and genotoxicity of Bisphenol-A- intoxicated female African catfish, *Comp. Biochem. Physiol. Part (C), Toxicol. & Pharmacol.*, **248**, 2021.

5) **Hamed HS, Abdel Tawwab M** Dietary pomegranate (*Punica granatum*) peel mitigated the adverse effects of silver nanoparticles on the performance, haemato-biochemical, antioxidant, and immune responses of Nile tilapia fingerlings, *Aquaculture*, **540**, 2021.

6) **Hamed HS, Ismal SM, Faggio C** Effect of allicin on antioxidant defense system, and immune response after carbofuran exposure in Nile tilapia, *Oreochromis niloticus*, *Comp. Biochem. Physiol. Part (C), Toxicol. & Pharmacol.*, **240**, February 2021.

7) **Andrawes NG, Abo Nour AA, Shaheen AA, Hamed HS** Effect of *Nigella sativa* enriched diet on biochemical variables and antioxidant damage caused by silver nanoparticles toxicity in African catfish, *Clarias gariepinus*. *Egypt. J. Aquat. Biol. Fish.* **2021**, 25(3): 63-76.

8) **Hussein NM, Saeed RMA, Shaheen AA, Hamed HS** Ameliorative role of chitosan nanoparticles against bisphenol-A induced behavioral, biochemical changes and nephrotoxicity in the African catfish, *Clarias gariepinus*. *Egypt. J. Aquat. Biol. Fish.* **2021**, 25(1): 493-510.

9) **Abdel Tawwab M, Hamed HS**, Antagonistic effects of dietary guava (*Psidium guajava*) leaves extract on growth, hemato-biochemical, and immunity response of cypermethrin-intoxicated Nile tilapia, *Oreochromis niloticus*, fingerlings, *Aquaculture*. **529**. 2020, 735668.

10) **Osman AGM, Gadel-Rab AG, Mahmoud FA, Hamed HS, Elshehaby MM, Ali AE, Kolas, W.** Blood Characteristics and Tissue Histology of Nile Tilapia (*Oreochromis Niloticus Niloticus*) Fed A Diet Containing Cheese Skipper (*Piophila Casei*) Larvae., *Scho J. Food & Nutr.* **2019**, 2 (3): 219-228.

11) **Hamed HS, El-Sayed YS.** Antioxidant activities of *Moringa oleifera* leaf extract against pendimethalin-induced oxidative stress and genotoxicity in Nile tilapia, *Oreochromis niloticus* (L.) *Fish Physiol. Biochem.* **2019**; 45 (1):71-82.

12) **Abdel Tawwab M, Hamed HS** Effect of sublethal concentrations of Bisphenol A on Growth Performance, Biochemical Variables, and Oxidative Stress Biomarkers of Niletilapia, *Oreochromis niloticus* (L.) *J. Appl. Ichthyol.* **2018**; 34 (5):1117-1125.

- 13) Marzouk, MS, Saleh AA, **Hamed HS**, Abdel- Daim SM Assessment of physiological and antioxidant responses in African catfish, *Clarias gariepinus* as biomarkers of metal pollution in River Nile. *Wulfenia*. 2017; 24 (10): 247-271.
- 14) **Hamed HS**, Abdel Tawwab, M Ameliorative effect of propolis supplementation on alleviating bisphenol-A toxicity: Growth performance, biochemical variables, and oxidative stress biomarkers of Nile tilapia, *Oreochromis niloticus* (L.) fingerlings. *Comp Biochem Physiol C Toxicol Pharmacol*. 2017; 202:63-69.
- 15) **Hamed HS**, Osman AGM Modulatory effect of Lycopene against Carbofuran toxicity in African catfish, *Clarias gariepinus*. *Fish Pysiol. Biochem*. 2017; 43:1721-1731.
- 16) Sayed, A.H., **Hamed HS** Induction of apoptosis and DNA damage by 4-nonylphenol in African catfish (*Clarias gariepinus*) and the antioxidant role of *Cydonia oblonga*. *Ecotoxicol. Environ. Saf*. 2017; 139: 97-101 .
- 17) AbouelFadl KY, Aly W , Abd El – Reheem AE, Mahmoud UM , **Hamed HS**, Moustafa MA., Osman AGM Heavy Metals Levels in the Blood of *Oreochromis niloticus niloticus* and *Clarias gariepinus* as Biomarkers of Metal Pollution in the River Nile. *Inter. J. Ecotoxicol. Ecobiol*. 2016; 1(1): 1-12.
- 18) Abdel-Wahhab MA, Aljawish A, Kenawy AM, El-Nekeety AA , **Hamed HS**, Abdel-Aziem SH Grafting of gallic acid onto chitosan enhances antioxidant activities in vitro and protects against ochratoxin-A toxicity in catfish (*Clarias gariepinus*). *Environ. Toxicol. Pharmacol*. 2016; (41):279- 288.
- 19) **Hamed HS** Ameliorative effects of *Spirulina platensis* on deltamethrin – induced biochemical alterations and oxidative stress in the African catfish; *Clarias gariepinus*. *Open J. Mar. Sci*. 2016; 6: 1- 10.
- 20) **Hamed HS** Impact of a short-term malathion exposure of Nile tilapia (*Oreochromis niloticus*): The protective role of selenium. *Inter. J. Environ. Monitor. Anal*. 2015; 3(5-1): 30-37 .

- 21) **Hamed HS** *Vitamin E attenuated the oxidative stress and biochemical changes induced by Edosulfan in female catfish (Clarias gariepinus)*. World J. Fish Mar. Sci. 2015; 7(4) 313-324.
- 22) **Kadry SM, Marzouk MS, Amer AM, Hanna MI, AzmyAH, Hamed HS** Vitamin-E as antioxidant in female African catfish (*clariasgariepinus*)exposed to chronic toxicity of atrazine, **Egypt J. Aquat. Biol. Fish. 2012; 16(2): 83-98.**
- 23) **Marzouk MS, Kadry SM ,Amer AM, Magdy, Hanna MI, AzmyAH, Hamed HS** Effect of atrazine exposure on behavioral, haematological and biochemical aspects of female African catfish(*Clariasgariepinus*). **J. Sci. Res. 2012; 9: 290–299.**
- 24) **Bakhshwan SA, Marzouk MS, Hanna MI, KenawyAM, Hamed HS** Pursuance of haematological alterations and pathological changes of diazinon toxicity in *clariasgariepinus*. **J. Egypt. Vet. Med. Assoc. 2011; 71 (1): 199-226.**
- 25) **Bakhshwan SA,Marzouk MS, Hanna MI, KenawyAM, Hamed HS** Some investigation on the clinical and biochemical alterations associated with diazinon toxicity in *clariasgariepinus*. **Egypt J. Aquat. Biol. Fish. 2009; 13(2): 173 -197.**

RESEARCH EXPERIENCE

- Physiological, Hematological and biochemical parameters analysis
- Electrophoresis by cellulose acetate and SDS-PAGE techniques.
- Histology and Histochemistry for tissue microscopic preparations.
- ELISA (Enzyme Linked Immuno-Sorbant Assay)
- Molecular biology and PCR techniques.
- Preparation of Nano materials.
- Statistical analysis using SPSS.

PROCEEDINGS and/or ORAL PRESENTATIONS

- " **5th International Conference of New Horizons in Basic and Applied Sciences**"; Hurghada, Egypt, [26 – 29 Septamber 2021; **Oral presentation**].
- " **4th International Conference of New Horizons in Basic and Applied Sciences**"; Hurghada, Egypt, [26 – 29 July 2019; **Oral presentation**].
- "**World Nanotechnology Conference**", Dubai, United Arab of Emaritas, [15-17 April, 2019; **Oral presentation**].
- "**3rd Asian Conference on Science, Technology & Medicine**" Dubai, United Arab of Emirates, [12-14 February 2019; **Oral presentation**].
- " **4th International Conference of Biotechnology, Environment and Engineering Sciences (ICBE 2018)**" , Alexandria, Egypt, [21-23 November 2018; **Oral presentation**].
- " **3rd International Conference of New Horizons in Basic and Applied Science**"; Hurghada, Egypt, [5 - 7 August 2017; **Oral presentation**].
- " **1st International Conference on Biological, Environmental Sciences & Applications**"; Luxor, Egypt, [23 – 25 March 2017; **Oral presentation**].
- "**2nd International Conference of Society of Pathological Biochemistry and Hematology**"; Menoufia University, Egypt, [14 February 2017; **Oral presentation**].
- "**4th International Conference on Environmental Sciences**"; Dubai, UAE [7-8 December 2016; **Oral presentation**].
- "**12th scientific Conference of the Zoological Society**"; Faculty of Science, Cairo University, Cairo, Egypt [15 October 2016; **Oral presentation**].
- "**International Conference for Sustainable Development... Future Visions for a Better Life**", Faculty of Women for Arts, Science & Education, Ain shams University, Cairo, Egypt [2-3 October 2016; **Oral presentation**].
- "**7th Global Fisheries and Aquaculture Research Conference**", Conferences Hall of Faculty of Agriculture, Cairo University, Egypt [17-18 November 2014; **Oral presentation**].
- "**3rd International Conference on Environmental Sciences**"; Dubai, UAE [21- 23 January 2014; **Oral presentation**].

TRAINING PROGRAMS

- "***Egyptian Knowledge Bank***" **Online Training program** , Training and Development Center, Ain shams University [14-15 January 2021].
- "***On line Learning Moodle***" **Online Training program** , Training and Development Center, Ain shams University [28-29 April 2020].
- "***Developing the competencies of department heads***", Faculty of Education , Ain shams University [29-30 October 2019].
- "***How to write a successful animal care protocol***", Faculty of Science, Cairo University, Egypt [20 June 2019].
- "***Writing of Offers and Projects***", National Research Centre, Dokki, Egypt [4-6 November 2018].
- "***New trends in nutrition and protection of marine fish***", National Research Centre, Dokki, Egypt [22-24 October 2018].
- "***Leadership Development***", Ain Shams University, Cairo, Egypt [18- 20 October 2018] .
- "***University Administration*** " Training & Development Center, Ain Shams University, Cairo Egypt [17-18 September 2017] .
- "***Basic biosafety and Biosecurity Measures*** " Central Lab.- Faculty of Veterinary Medicine, Sue Canal University, Ismailia, Egypt [21-23 February 2017] .
- "***Tips and Tricks for Competitive distinction***" Central Lab, Faculty of Veterinary Medicine, Suez Canal University, Ismailia, Egypt [15-16 February 2017].
- "***Principles of Bioinformatics and Biological Analysis***" Agricultural Genetic Engineering Research Institute (AGRI) - Giza - Egypt. [5-6 February 2017] .
- "***Data Management and Basic Statistics*** " Training & Development Center, Ain Shams University, Cairo Egypt [27-28 November 2016] .
- "***Training of Trainers T.O.T***", Adult Education Center , Ain shams University, Cairo, Egypt. [24 November till 3 December 2016] .
- "***Data Management & Statistics*** ", Ain shams University, Cairo, Egypt [27-28 November 2016] .
- "***The good researcher & The international publication***" Beni Suf University,

- Beni Suef, Egypt. [18 September 2016].
- "***Specification and report of programs and courses***" Quality Assurance and Accreditation Center, Ain shams University, Cairo, Egypt [13-14 April 2016].
 - "***Examination and evaluation of students' systems***" Quality Assurance and Accreditation Center, Ain shams University, Cairo, Egypt [23-24 March 2016].
 - "***Intellectual Property Rights***" Quality Assurance and Accreditation Center, Ain shams University, Cairo, Egypt [16-17 March 2016].
 - "***Teaching and learning strategy***" Quality Assurance and Accreditation Center, Ain shams University, Cairo, Egypt [9-10 March 2016].
 - "***Intellectual and methodological framework of the strategic plan, and requirements of the preparation and formulation of vision, mission, and strategic goals and objectives***", Quality assurance and accreditation center, Ain shams University, Cairo, Egypt [15-16 February 2016].
 - "***International publishing skills and Reference coordination using Endnote program*** ", Damanhur University, Damanhur, Egypt [31 January 2016] .
 - "***Training of trainers program***" "T.O.T", Arab Union Sustainable Development & Environment, Guest House of Ain shams University, Cairo, Egypt [27-28 December 2015].
 - "***Academic writing Using Endnote Program*** ", Suez canal University, Ismailia, Egypt. [1 December 2015] .
 - "***Leadership preparing Program***", Ain shams University, Cairo, Egypt [23-28 August 2015].
 - "***Standard of learning and teaching*** [4 May 2015].
 - "***Financial and legal aspects of the university***, Training & Development Center, Ain Shams University, Cairo Egypt [29-30 March 2015].
 - "***Strategic planning***, Training & Development Center, Ain Shams University, Cairo Egypt [17–18 March 2015].
 - "***Adobe Photoshop CS6***, Scientific Research Center - Faculty of Computing and Information, Ain Shams University, Cairo, Egypt. [30 August – 4 September 2014].
 - "***Analysis of data by SPSS Version 20***, Faculty of Education, Ain shams University, Cairo, Egypt [23, 24, 30 November, 1 December 2013].
 - "***Communication skills in different learning patterns***, Training & Development

- Center, Ain Shams University, Cairo Egypt [31 August – 2 September 2013].
- ***Clinical Pharmacy training course***, International Cultural Centre, Cairo, Egypt [14-28 August 2014].

 - ***Systems of exams and student assessment***, Training & Development Center, Ain Shams University, Cairo Egypt [9 –11 February 2013].
 - ***Use of technology in teaching***, Training & Development Center, Ain Shams University, Cairo, Egypt [10 –12 December 2011].
 - ***Management of the research team***, Training & Development Center, Ain Shams University, Cairo, Egypt [23 – 25 November 2010].
 - ***Research projects, local and global competitiveness***, Training & Development Center, Ain Shams University, Cairo Egypt [19-21 October 2010].
 - ***International publishing***, Training & Development Center, Ain Shams University, Cairo, Egypt [17-19 July 2010].
 - ***Arts and behaviors of the profession***, Training & Development Center, Ain Shams University, Cairo, Egypt [3-5 July 2010].
 - ***Effective presentation***, Training & Development Center, Ain Shams University, Cairo, Egypt [20-22 December 2008].
 - ***Ethics of scientific research***, Training & Development Center, Ain Shams University, Cairo, Egypt [9-11 September 2008].
 - ***Microsoft E-content development***, Scientific Research Center, Faculty of Computer and Information, Ain Shams University, Cairo, Egypt [18-31 August 2008].
 - ***Biostatics and ecological modeling***, Training & Development Center, Ain Shams University, Cairo, Egypt [13-22 May 2008].
 - ***Credit hours system***, Training & Development Center, Ain Shams University, Cairo, Egypt [10-12 May 2008].
 - ***Quality standards in the teaching process***, Training & Development Center, Ain Shams University, Cairo, Egypt [17-19 November 2007].
 - ***Effective teaching***, Training & Development Center, Ain Shams

University, Cairo, Egypt [23-26 June 2007].

WORKSHOPS, SEMINARS & FORUMS

- " **Innovation Camp. Online Workshop** [10th March 2021].
- " **Enhance your Research with Elsevier: How to Improve R&D Productivity with Reaxys?, National Research Centre, Cairo, Egypt. Online Webinar** [18th January 2021].
- " **The role of organic fertilization in integrative fish farming"** Seminar on Zoom Cloud Meeting [5th August 2020].
- " **Funding strategies for research projects"** Online Seminar , Faculty of Sohag, Egypt.[31st May 2020].
- " **Investment in Aquaculture and Aquaponics"** Seminar on Zoom Cloud Meeting [19th May 2020].
- " **Public Policies and Crisis Management - Learning and Education file"** Online Seminar, Faculty of Political Science and Remote Sensing Center / University of Mosul, Iraq [2nd May 2020].
- " **Environmental pollution: Sources & Treatment methods"** Online workshop, University of Kufa, Iraq [1st May, 2020].
- " **Development of Livestock, Poultry and Fish Wealth during the Environmental Changes"** workshop, National Research Centre, Cairo, Egypt [30 December 2019].
- " **Egyptian Knowledge Bank and How to search in the Database"** Workshop, National Research Centre, Cairo, Egypt [22nd December 2019].
- " **The 1st scientific forum, A Future View of the Role of Scientific Research in Achieving Sustainable Development in the View of 2030 Strategy"** , Cairo University Conference Center , Egypt [12th November 2019].
- " **The Role of Iron-enriched Algae in Feeding Marine Fishes"** Seminar, National Research Centre, Cairo, Egypt [4th November 2019].
- " **Secrets of International Publishing"** workshop, House hospitality of Ain shams University, Cairo, Egypt [23rd December 2018].

- "**Vitamin (D) and Public Health**" workshop, National Research Centre, Cairo, Egypt , [5th December 2018].
- "**Study in Japan in cooperation with the Embassy of Japan in the Arab Republic of Egypt**" workshop, Great Conferences Hall, Faculty of Pharmacy, Ain shams University, Cairo, Egypt [28th November 2018].
- "**Science for Life**" workshop, National Research Centre, Cairo, Egypt [26th November 2018].
- "**The future of Egyptian universities in shade of globalization**", Faculty of Women, Ain shams University , Cairo, Egypt, [16th October 2018].
- "**Future Vision in Food Science and Technology**" Symposium, National Research Centre, Cairo, Egypt [24th April 2018].
- "**Learning Digital Citizenship Skills and Tools**" workshop, Faculty of Women, Ain shams University , Cairo, Egypt [5th April 2018].
- "**Using Edmodo to Manage Online Courses**" workshop, Faculty of Women, Ain shams University, Cairo, Egypt [23rd April 2017].
- "**Author workshop**", in collaboration with "**Elsevier Publishing Campus**", Academy of Scientific Research and Technology, Cairo Egypt. [22nd March 2017].
- "**Biodiversity of The River Nile and Lake Nasser, Egypt and How to make The Fish Stock Assessment, Management and Their Conservation**" Workshop, Faculty of Science, Al-Azhar University, Assuit, Egypt [11th -12nd March 2017].
- "**Practical preparation on Silver nanoparticles and chitosa nanoparticles**" workshop, Naqaa Foundation for Scientific Research, Giza, Egypt [30 January 2017].
- "**Forum towards accredited university**", Ain shams University, Cairo, Egypt [15th November 2016].
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- "**Author workshop**", in collaboration with "**Elsevier Publishing Campus**", American University, Cairo Egypt. [11th October 2016].
- "**Modern Science**" workshop, Conferences Hall of Faculty of Agriculture, Cairo University, Egypt. [11th May 2016].
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- "*Using biotechnology to the development of communities*", Agricultural Research Center, Cairo, Egypt [9th March 2016].
- "*Training on information sources and global databases in the Egyptian Knowledge Bank*", Faculty of Alsun, Ain shams University, Egypt [29th February 2016].
- The scientific meeting of the National Committee of Toxicology entitled "*Environmental toxicity and Daily life*", Faculty of Women, Ain shams University, Egypt [23rd February 2016].
- "*Plagiarism and citation*" workshop, Faculty of Nursing, Port Said University, Port Said, Egypt. [18th February 2016].
- "*How to prepare A Manuscript for international publication*" workshop, Faculty of Nursing, Suez Canal University, Ismailia, Egypt [14th February 2016].
- "*Future visions towards a Clean, Safe & Sustainable Environment*" workshop, Conferences Hall of Faculty of Agriculture, Cairo University, Egypt. [3rd February 2016].
- "2nd International Joint Seminar "*Environmental toxicity & Mental Health*". Faculty of Veterinary Medicine, Damanhur University in collaboration with RIST, **Tokyo University of Science, Japan** [13th January 2016].
- "*Ethics and standards of using Experimental animals in Scientific research*", Faculty of Science, Menoufia University, Egypt. [8th September 2015].
- "*Self-study of the academic program*" workshop (within the activities of the Fifth International Arab Conference on Quality Assurance in Higher Education, **Sharjah University – UAE** [3rd -5th March 2015].
- "*A scientific approach to the design process quality management in higher education institutions with the application process for the academic program management as described in the accreditation standards*" workshop (within the activities of the Fifth International Arab Conference on Quality Assurance in Higher Education, **Sharjah University – UAE** [3rd -5th March 2015].

- *Conversion of courses into electronic courses, marketing and use of courses produced by other Egyptian universities, E- Learning*, Ain shams University, Cairo, Egypt [16th December 2014].
- *Effective education* [18th -19th June 2014].
- *Curriculum maps in high Education institutions* [11th -12th June 2014].
- *Preparing of exam sheet insight of the intellectual outcome learning* [4 June 2014].
- *How to deal with students and beneficiaries of service?* [4th June 2014].
- *Self-evaluation of institutions of higher education* [21st – 22nd May 2014].
- *Internal audit within the colleges* [19th May 2014].
- *Evaluation of plans for improvement in handling errors resulting from feedback* [19th May 2014].
- *How to formulate the academic standards for graduate studies?* [18th May 2014].
- *Poisoning in Egypt and mitigation strategies*, Guest House of Ain shams University, Cairo, Egypt [14th May 2014].
- *Designing scientific posters*; DAAD Kairo Akademie [8th May 2014].
- *Basic concepts of molecular biology*, Faculty of Veterinary Medicine, Cairo University, Egypt [15th -16th April 2014]
- *Molecular biology and its applications*, Faculty of Science, Mansoura University, Egypt [12th April 2014].
- *Introduction to nanotechnology and its general applications*, The American Center for Virtual Training, Giza, Egypt [30 March 2014]
- *Stability and bioequivalence guidelines for the pharmaceutical products in the Egyptian market*, Faculty of Pharmacy, Cairo University, Egypt [7th December 2013].
- *Towards improving the educational process*, Faculty of Science, Mansoura University, Egypt. [15th -17th September 2013].
- *Formulation of objectives as input for description of courses* [14th October 2012].
- *The risk of pollution in Egyptian lakes and ways to reduce it*,

Faculty of Science, Ain Shams University, Cairo, Egypt [6th -7th
May 2009].

- *Chemical & mechanical analysis (HPLC)*, Cairo, Egypt [3rd November 2008].

CONFERENCES PARTICIPATION

- "**The 16th Annual International Conference of the Egyptian Society for Experimental Biology**", Cairo University Center, Egypt [23 February 2020; attendance and participation].
- "**The 9th International Conference of Arab Union For Sustainable Development and Environment, Orientalism of the Future through the concepts of Sustainable Development to achieve Goals and Administrative Excellence**" League of Arab States, Egypt [9-10 December 2019; attendance and participation].
- "**The 15th Annual International Conference of the Egyptian Society for Experimental Biology**", Cairo University Center, Egypt [23 June 2019; attendance and participation].
- "**The 8th Annual Scientific Conference of Ain shams University, Creativity.. innovation .. Industry**", Main Conference Hall, Faculty of Pharmacy, Ain shams University, Egypt [1-3 April 2019; attendance and participation].
- "**9th Annual Conference of Zoology Department, "Your Health is Your Wealth "** Faculty of Women for Arts, Science & Education, Ain shams University, Egypt [31 March 2019; attendance and participation].
- "**6th Annual Conference 2019 of The ACSE" Dubai, United Arab of Emirates**, [13-14 February 2019; attendance and participation].
- "**Role of Women in facing the challenges of Era**" Safir Hotel, Dokki, Egypt, [17 January 2019; attendance and participation].
- "**1st International Conference of Digital Education in the Arab World ... Challenges of the Present and Future Perspectives**" Cairo University conference Center, Egypt, [25-26 December 2018; attendance and participation].
- "**The Fourth International Conference for Training (Intellectual Health)**, Alexandria Library, Alexandria, Egypt, [11 October 2018; attendance and participation].
- "**Arab International Conference of Investment for Sustainability "**

Alexandria, Egypt, [1 - 2 March 2018; attendance and participation].

- "**13th Scientific Conference of Zoological Society A.R. Egypt**" Faculty of Science; Beni-Suef University, Egypt, [14 - 15 October 2017; attendance and participation].

- "**4th International Conference..... Role of Education and Science in development of Societies**, Faculty of Women for Arts, Science & Education, Ain Shams University, Cairo, Egypt [27 April 2017; attendance and participation].

- "**Conference of Women in Science organized by the ASRT in collaboration with EYAS and SNG** " Academy of Scientific Research & Technology, Cairo, Egypt [22-23 March 2017; attendance and participation].

- "**7th Annual Conference of Zoology department**" Faculty of Women, Ain Shams University, Cairo , Egypt [27 February 2017; attendance and Organization].

- "**13th Annual International Conference of the Egyptian Society of Experimental Biology**" [25 February - 2 March 2017; attendance and participation].

- "**International Conference for Sustainable Development... Future Visions for a Better Life**"; Faculty of Women for Arts, Science & Education, Ain Shams University, Cairo, Egypt [2-3 October 2016; attendance and participation].

- "**6th international conference of Arab Union Sustainable Development & Environment**" League of Arab States, Cairo, Egypt. [8 May 2016; attendance and Participation].

- "**6th Annual Conference of Zoology department: " Science Between Experimentation and Application**" Faculty of Women, Ain Shams University , Cairo , Egypt .[11 April 2016; attendance and participation].

- "**2nd Scientific Conference on Requirements and proposals of teacher development: professionally & morally**, Saleh Kamel Center, Al - Azhar University, Cairo , Egypt. [9 April 2016; attendance and participation].

- "**3rd International Conference of Community Services and Environmental Development Sector entitled: "Challenges of Egyptian society: intellectual, religious, environmental, media"**, Faculty of Women , Ain Shams University, Cairo, Egypt [6 – 7 April 2016; attendance and participation].

- "**1st International Conference on Basic science and and Environmental**

- applications**” Faculty of Science, Fayoum University, Egypt [3 – 4 April 2016; attendance and participation].
- “ **5th International Conference on Biological and Environmental Sciences**” Mansoura – Sharm El-Shaikh [21 -25 March 2016; attendance and participation].
 - “ **12th Annual International Conference of the Egyptian Society of Experimental Biology**” [27 February - 3 March 2016; attendance and participation].
 - “ **1st International Conference of Society of Pathological Biochemistry and Hematology**”; Menoufia University, Egypt, [16 February 2016; attendance and participation].
 - “**3rd International Conference of Distance Learning: Environments, Developments, Experience**”, Beni Suef University, Egypt in collaboration with Association of Arab Universities, Beni Suef, Egypt [20 – 21 December 2015; attendance and participation].
 - **Conference of Beni Suef University for plagiarism entitled: Plagiarism in Academic Researches "The phenomenon and its treatment"**; Beni Suef University, Egypt, [17- 18 November 2015; attendance and participation].
 - “ **2nd International Conference of New Horizons in Basic and Applied Science**”; Hurghada, Egypt, [1 - 6 August 2015; attendance and participation].
 - **International Conference of Community Services and Environmental Development Sector entitled: The University girl between reality & expectations (Politically, Socially, Educationally, and Environmentally)**, Faculty of Women, Ain shams University, Cairo, Egypt, [15 -16 April 2015, attendance and participation].
 - “ **International Conference of Nanotechnology, Biotechnology and Spectroscopy: Tools of Success in the coming Era**”, Cataract Hotel, Giza, Egypt [27-29 March 2015; attendance and participation].
 - “**17th Annual Scientific Conference of the Continual Development of Aquatic Resources**”, Guest House of Ain Shams University, Cairo, Egypt [18 March 2015; attendance and participation].
 - “ **8th Scientific Conference on Quality of Agricultural Products and**

- Preservation of Environmental Elements**", Cairo, Egypt [4-5 March 2015; attendance and participation].
- “ **11th Annual International Conference of the Egyptian Society for Experimental Biology**”, Conferences Hall of Cairo University, Egypt [21– 26 February 2015; attendance and participation].
 - **6th International Conference on Natural Toxins**", Suez Canal University, Ismailia, Egypt [15-16 December 2014; attendance and participation].
 - “**NAQAA MEDIC MUST Scientific Symposium, Nanotechnology in Scientific Research**”, Misr University for Science and Technology MUST, Egypt.[6 September 2014; attendance and participation].
 - “ **2nd International Conference of Environmental Science, Pesticides, Toxicology and Plant Protection Researches**”, Conferences Hall of Faculty of Agriculture, Cairo University, Egypt [20-22 May 2014; attendance and participation].
 - “ **3rd Scientific Conference of Ain Shams University: Disciplines and Multiple Environmental Studies and the Labor Market Needs**”, Conferences Hall of Ain Shams University, Cairo, Egypt [22-23 April 2014; attendance].
 - “**4th Regional Conference of Scientific Research Committee**”; Faculty of Women, Ain Shams University, Cairo, Egypt [2-3 April 2014; attendance and participation].
 - “ **4th International Conference of Biological and Environmental Science [ICBES]**”; Faculty of Science, Mansoura University, Egypt [24-28 March 2014; attendance and participation].
 - "**International Conference of Community Services and Environmental Development Sector entitled: Scientific, Educational & Social Dimensions to Solve the Ecological Problems in Egypt**"; Faculty of Women, Ain Shams University, Cairo, Egypt [19 -20 March 2014; attendance and participation].
 - “ **11th Annual Congress of Medical Sciences: Medical Research between Theory & Applications: Challenges and Innovations**”, National Research Center, Giza, Egypt [17-19 December 2013; attendance and participation].

- “**The 18th Scientific Conference of the Egyptian Veterinary Medical Society for Pathology and Clinical Pathology**”, Club of Navy Forces, Cairo, Egypt [28May2013; attendance and participation].
- “**10th Environment Festival**”; Faculty of Women, AinShams University, Cairo, Egypt [4 -11 April, 2013; attendance and participation].
- “**10th National Conference of Biochemistry & Molecular Biology and Their Role in Development and the Environment**”, Guest House of Ain Shams University, Cairo, Egypt [24-26 March, 2013; attendance and participation].
- “**2nd International Scientific Conference of Laboratory Diagnosis and ICSI**, Faculty of Science, Damanhour University, Damanhour, Egypt [15 March, 2013; attendance and participation].
- “**Arab Foundation for Molecular Genetics and Stem Cell Technology Conference**”, Grand Hayat Hotel, Cairo, Egypt [20-21 February 2013; attendance and participation].
- “**9th Annual International Conference of the Egyptian Society of Experimental Biology**”, Conferences Hall of Cairo University, Cairo, Egypt [23-27 February 2013; attendance participation].
- “**1st Conference on Research for Development towards a Strategy for Application**”; Faculty of Science, Ain Shams University, Cairo, Egypt [25-27 March, 2007; attendance and participation].

SELECTED ACADEMIC / PROFESSIONAL ACTIVITIES

- **Invited speaker, World Nano Technology2019 Conference**, "Synergistic antioxidant capacity of grafting gallic acid onto chitosan nanoparticles against ochratoxin -A toxicity in African catfish, *Clarias gariepinus*. **Dubai, UAE** (15-17 April, 2019).
- **Supervisor of Innovative Research** in "Scientific Creativity Competition for the academic year 2018/2019", Faculty of Women for Arts, Science & Education, Ain shams University, Cairo, Egypt.

- **Trainer of Egyptian and African Climate Ambassadors Program - Ain Shams University.**
- **Trainer of faculty development at the Training and Development Center - Ain Shams University , Cairo, Egypt.**
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- Accredited trainer at **Faculty of Women for Arts, Science & Education, Ain shams University, Cairo, Egypt.**
- Accredited trainer at **Adult Education Center, Ain shams University, Cairo, Egypt.**
- Accredited trainer at **Arab Union Sustainable Development & Environment, Cairo, Egypt.**
- Accredited trainer at **Arab Union for Leadership Development, Cairo, Egypt.**

UNIVERSITY DEVELOPMENT AND COMMUNITY SERVICES

1- Presented workshops:

- **Presented workshop " *Your Health is the secret of Your Beauty* ", Faculty of Women, Ain shams University, Egypt [16 December 2021].**
- **Presented workshop " *Health awareness of woman* ", Faculty of Women, Ain shams University, Egypt [1 December 2020].**
- **Presented workshop " *Health awareness of woman* ", Faculty of Women, Ain shams University, Egypt [4 April 2019].**
- **Presented workshop " *Plagiarism and intellectual property* ", Faculty of Women, Ain shams University, Egypt [25 November 2018].**
- **Presented workshop " *Medical analysis and professional safety* ", Faculty of Women, Ain shams University, Egypt [28 October 2018].**
- **Presented workshop " *Health and Biosafety in Laboratories* ", Faculty of Women, Ain shams University, Egypt [18 April 2017].**
- **Presented workshop " *End note Program* ", Faculty of Women, Ain shams University, Egypt [5 April 2016].**
- **Presented workshop " *Plagiarism, the problem & solution* ", Faculty of Women, Ain shams University, Egypt [4 April 2016].**

2. Participation in Conferences and Events Organization

- **Participated in the Development Convoy , Faculty of Women**

for Arts, Science & Education, Ain shams University, Egypt [27 Febraury 2020].

- **Participated in the organization committee of The 16th Annual International Conference of the Egyptian Society for Experimental Biology**", Cairo University Center, Egypt [23 February 2020].
- **General Rapporteur of the Conference " *Role of Women in facing the challenges of Era*"** Safir Hotel, Dokki, Egypt, [17 January 2019].
- Participated in the **Comprehensive Development Convoy of Ain shams University in Beni Suef Governorate** [28-30 November 2018].
- Participated in the organization committee of **The graduation ceremony of Faculty of Women, Ain shams University for the academic year 2017 /2018"**, Main Conferences Hall, Ain shams University [5 May 2018].
- Participated in the organization committee of organizing of "**International Forum for Early Childhood, Challenges and hopes**" Faculty of Women, Ain Shams University , Cairo , Egypt [28-29 April 2018].
- Participated in the organizing "**The 9th employment forum**, Faculty of Women, Ain Shams University , Cairo , Egypt [8 April 2019].
- **Head of the Egyptian delegation of Arab Republic of Egypt of Arab International Conference "*Investment for Sustainability*"** Alexandria, Egypt, [1 - 2 March 2018].
- Participated in the organization committee of **4th International Conference..... Role of Education and Science in development of Societies "**, Faculty of Women for Arts, Science & Education, Ain shams University, Cairo, Egypt [27 April 2017].
- Participated in the organization committee of organizing of "**International Conference for Sustainable Development... Future Visions for a Better Life**"; Faculty of Women for Arts, Science & Education, Ain shams University, Cairo, Egypt [2-3 October 2016].
- Organizing **The Scientific Forum "Education System in Japan"**"; Faculty of Women for Arts, Science & Education, Ain shams University, Cairo, Egypt [20 April 2016].

- Participated in the organization committee of “ **6th Annual Conference of Zoology department: " Science Between Experimentation and Application"** Faculty of Women, Ain Shams University , Cairo , Egypt [11 April 2016].

LANGUAGE PROFICIENCIES AND COMPUTER SKILLS

(a) Languages:

English: Spoken, Written, and Read Fluently .
Arabic: Spoken, Written, and Read Fluently (mother tongue).
French: Spoken and Read: working knowledge.

(b) Computer Skills:

Excellent computer skills (Windows and Linux operation systems and their applications).

Word processor: Microsoft word, Open Office writer

Database: Microsoft access

Spreadsheet: Excel and SPSS.

Operating Systems: Windows and Linux (Ubuntu).

Presentation software: PowerPoint and Open Office impress.

REDE RENCES

Available upon request.

Updated in 16th April 2022