

## ***CURRICULUM VITAE***

### **Personnel Details**

**Full name:** Shamaail Abdulaali Saewan

**Sex:** Female

**Nationality:** Iraqi living in Jordan.

**Address:** Irbid/ Al-Husn

**Languages:** Arabic & English.



**Working place:** (1) Assist. Prof. in Department of Food Science / College of Agriculture / University of Basrah/ Iraq (2005-2021)  
(2) Associate Prof. in Department of Food Science and Nutrition, Faculty of Agriculture, Jerash University, Jordan/ Part time (2021-2022)  
(3) Associate Prof. in Department of Nutrition and Food Technology, Al-Huson University College, Al-Balqa, Applied University, Jordan/ Part time (2021-2022).  
(4) Associate Prof. in Department of Food Science and Nutrition, Faculty of Agriculture, Jerash University, Jordan. (2023-2024)

**Note:** The rank of assistant professor in Iraq is equivalent to the rank of associate professor in Jordan.

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**Google Scholar:** <https://scholar.google.com/citations?hl=ar&user=gmI3R6sAAAAJ>

**Research Gate:** [https://www.researchgate.net/profile/Shamaail\\_Abdulaali](https://www.researchgate.net/profile/Shamaail_Abdulaali)

### **University Degree:**

**BSC:** B. Sc. in Food and Dairy Technology/ College of Agriculture / University of Basrah (1999).

**Masters:** Master Degree in Food Science/ College of Agriculture / University of Basrah (2003).

**Thesis Title:** Separation and Identification of Some Fish Proteins by Gel Filtration Chromatography and Electrophoresis and Studying their Functional Properties.

**PhD:** Ph. D. in Quality Control/ College of Agriculture / University of Basrah (2013).

**Thesis Title:** Estimation of Some Biogenic Amines, Hydrocarbons and Trace Elements in the Muscles of Fresh, Frozen and Canned Fishes.

**Specialization:** Quality Control

### **Academic Position:**

- Assist. Prof. in Department of Food Science/ College of Agriculture/ university of Basrah.
- Head of Food Analysis Laboratory, Department of Food Science/ College of Agriculture (2005-2021).
- Coordinator of Scientific Achievements in College of Agriculture/ University of Basrah (2017-2020).
- Member of Editorial Board in **Syrian Journal of Agricultural Research (SJAR)** Damascus/ Syria since 2017.
- Member of Editorial Board in the **Research Journal of Science (RJS)** Kaunas, Lithuania since June, 2020.
- Writer in the **Food Journal** issued by Arab Health and Development Corporation (**AHDO**) Cairo/ Egypt since 2021.
- Member of the Examination Committee in College of Agriculture/ University of Basrah for four years.
- Head of the Quality Committee in Department of Food Sciences/ College of Agriculture/ University of Basrah in 2018/2019.
- Member of several specialized and scientific committees in the Department of Food Sciences (2005-2021).
- I delivered many lectures and information in the field of food safety and environmental pollution and its impact on the quality of food products and consumer health.

### **Courses of Graduated and Post Graduated Taught by Me**

1. Advanced Fish Technology/ Postgraduate/ PhD.
2. Advanced Date palm Technology/ Postgraduate/ Master.
3. Advanced Food Technology/ Postgraduate/ Master.
4. Food Analysis.
5. Food Quality Control.
6. Fish and Meat Technology.
7. Graduation Research Project.
8. Seminars/ Undergraduate students.
9. Educational Supervision.
10. Date Palm Technology.
11. Principles of Food Microbiology.
12. Biotechnology.
13. Principles of Food Industries.
14. Arabic Language.
15. Sensory Evaluation of Food.
16. Institutional Food Service Management.
17. Food Hygiene and Safety.
18. Dairy Technology.
19. Food Chemistry.
20. Principles of Microbiology.
21. Development of Food Products.
22. Quality control and management systems

## **Publications**

1. Separation of Carp (*Cyprinus carpio*) and Hilsa shad (*Tenualosa ilisha*) Proteins by sing Gel Filtration Chromatography. ***Proceedings of the World Conference on Development and its Interactions with Biodiversity in Southern Iraq, December 12-14, 2011, 89-96.***
2. Separation of Carp (*Cyprinus carpio*) and Hilsa shad (*Tenualosa ilisha*) proteins by electrophoresis method. ***Proceedings of the World Conference on Development and its Interactions with Biodiversity in Southern Iraq, December 12-14, 2011, 97-106.***
3. Studying the Functional Properties of Proteins Separated from Carp (*Cyprinus carpio*) and Hilsa shad (*Tenualosa ilisha*) Muscles. ***Proceedings of the World Conference on Development and its Interactions with Biodiversity in Southern Iraq, December 12-14, 2011, 107-114.***
4. Determination of Some Toxic Trace Elements of Fresh, Frozen and Canned Fish Species. ***Bas. J. Vet. Res. 12 (2): 139-148. (2013).***
5. Determination of Biogenic Amines in the Muscles of Imported Frozen and Canned Fish Species. ***Kufa Journal for Agriculture Sciences, (4): 182-196. (2013).***
6. Extraction and Estimation of some Polynuclear Aromatic Hydrocarbons in Muscles of Imported Frozen and Canned Fish Species. ***Basrah J. Agric. Sci., 26 (2): 98-113. (2013).***
7. Extraction and Estimation of Toxic Polycyclic Aromatic Hydrocarbons from Muscles of Local Fish Species. ***Basrah J. Agric. Sci., 27 (1): 160-174. (2014).***
8. Estimation of benzoic Acid and Trace Elements in Some Fresh and Processed Foods in Basra Markets-Iraq. ***Syrian Journal of Agricultural Research, 4(2): 64-73. (2017).***
9. Studying of Histamine Concentration and Quality Parameters in Some Local Soft Cheese and Imported Processed Cheese Types in Basrah Markets, ***Journal of Zankoy Sulaimani, Special Issue, 2nd Int. Conference of Agricultural Sciences, (2018).***
10. Published a book titled (Biochemical Evaluation of Fish in Basrah City Markets, Southern Iraq). The publisher: **Scholar's Press, Germany, (2018).**
11. Chemical and Microbial Environmental Contaminants in Fruits and Vegetables and their Effects on Health (A Mini Review) ***IOSR Journal of Environmental Science, Toxicology and Food Technology, (13) 4: 70-76. (2019).***
12. Iron Bioavailability, Deficiency and its Consequences in Infants and Children: State of the art. (A Review) ***Bulletin of Environment, Pharmacology and Life Sciences, (8)8: 129-138. (2019).***
13. Studying the Antimicrobial Activity of Tamarind Extract (*Tamarindus indica* L.), ***Food Science and Quality Management, Vol. (90): 17-21. (2019).***
14. Preparation of Pumpkin Pulp and Peel Flour and Study Their Impact in the Biscuit Industry, ***Journal of Biology, Agriculture and Healthcare, (10) 6: 25-33. (2020).***
15. Study the Chemical Composition and Antioxidant Activity of Tamarind (*Tamarindus indica* L.) Pulp and Seed, ***Syrian Journal of Agricultural Research, 7(2): 142-153. (2020).***
16. Study the Effect of Extracted Vegetable Oils and Antibiotics in Inhibiting Different Types of Pathogenic Bacteria, the 3<sup>rd</sup> International Conference of Environmental and Agricultural Status in the Middle East **14 – 16<sup>th</sup> July, 2020, Cairo-Egypt.**
17. Assessment the Quality Properties of Pomegranate Molasses and Grape Molasses Produced via Traditional Method, **the 8<sup>th</sup> Scientific and 2<sup>nd</sup> International Conference of Agriculture Collage/ Tikrit Univercity, Iraq, 1-2 June, (2020).**
18. Environmental Pollution and its Effect on Quality of the Bottled and Non-bottled Drinking Water, (A Review) ***Arab Journal of Food and Nutrition, Vol. (47): 21-34. (2020).***
19. The Impact of Environmental Pollution and Industrial Processes on the Microbial Content and Residual Elements in Dried Fruits, ***Anbar Journal of Agricultural Sciences, 18 (2), (2020).***

20. The Impact of Storage Duration and Conditions on the Formation of Biogenic Amines and Microbial Content in Poultry Meat, *Iraqi Journal of Veterinary Sciences*, **35 (1): 183-188. (2021) (Scopus).**
21. Bee pollen, description, composition and nutritional and therapeutic advantages, *Anbar Journal of Agricultural Sciences*, **19 (1), (2021).**
22. Traditional and innovative approaches for the extraction of bioactive compounds, *International Journal of Food Properties*, **25 (1): 1215–1233. (2022). (Scopus/ Q1).**
23. Applications of green technologies-based Approaches for food safety enhancement: a comprehensive review, *Food Sci Nutr.* **(2022); 00:1–13. DOI: 10.1002/fsn3.2915. (Scopus/ Q1).**
24. Phytochemical profile and pro-healthy properties of berries, *International Journal of Food Properties*, **25 (1): 1714–1735. (2022). (Scopus/ Q1).**
25. Miso: A traditional nutritious & health-endorsing fermented product, *Food Sci Nutr.* **(2022); 00:1–9. DOI: 10.1002/fsn3.3029. (Scopus/ Q1).**
26. Nutritional importance and industrial uses of pomegranate peel: A critical review, *Food Sci Nutr.* **(2023) Pp. 2589- 2598, DOI: 10.1002/fsn3.3320. (Scopus/ Q1).**
27. A review of current evidence on food allergies during pregnancy, *Food Sci Nutr.* **(2023) Pp: 00:1–12. DOI: 10.1002/fsn3.3451. (Scopus/ Q1).**
28. Effect of additions of humic and fulvic acids on soil properties and germination percentage of cucurbit plants (zucchini and cucumber). *Nature Environment and Pollution Technology.* **23 (1) March, (2024). (Scopus).**
29. Assessments of Chemical Content and Antioxidant Activity of the Gaso Extracts. **(in publishing).**
30. Carcinogenic Effects of Meat Consumption: A Comperhensive Review. **(in publishing).**
31. Heavy Metals Residues in Fish Meat: Review **(in publishing).**

### **Scientific and Professional Activities**

- More than **100** Certificates for participation in conferences, workshops and scientific activities in universities inside and outside Iraq and Jordan.
- A certificate for participating in the first international workshop in advanced analytical instruments. **4-6<sup>th</sup> of April, 2017. Faculty of Agricultural Engineering/ Tehran University/ Iran.**
- A certificate for participating in the 4<sup>th</sup> international course on food safety and additives. **18-22<sup>nd</sup> of September, 2017. International Agricultural Research and Training Center/ Izmir/ Turkey.**
- A Certificate for membership of editorial board, **Syrian Journal of Agricultural Research (SJAR) General Commission of Agricultural Research (GCSAR). 9<sup>th</sup> of July, 2017, Damascus/ Syria.**
- **3** Certificate of outstanding contribution in reviewing, **Syrian Journal of Agricultural Research (SJAR), General Commission of Agricultural Research (GCSAR), January, 2019, Damascus/ Syria.**
- A Certificate for Participating in the First International Scientific Conference (Agriculture and Future Challenges). **10-12<sup>th</sup> of April, 2018/ Faculty of Agriculture, Al-Azhar University, Cairo, Egypt.**
- A Certificate for Participating in the **8<sup>th</sup> International Scientific Congress of Irbid Medical Association, 24-26 of April, 2019/ Jordan Medical Association, Irbid, Jordan.**

- A Certificate for Participating in the 2<sup>nd</sup> International Scientific Conference (Food Security and Sustainable Agriculture during Climate Change). **28-30 of April, 2019, Faculty of Agriculture and Science, Jerash University, Jerash, Jordan.**
- A Certificate for Participating in the 3<sup>rd</sup> International Conference of Environmental and Agricultural Status in the Middle East **14 – 16<sup>th</sup> July, 2020, Cairo-Egypt.**
- A Certificate for Membership of Editorial Board in the **Research Journal of Science (RJS)** on 18 June, 2020, **Damascus/ Syria.**
- A Certificate for Participating in the 9<sup>th</sup> International Scientific Congress of Irbid Medical Association, **25-28 of November, 2020/ Jordan Medical Association, Irbid, Jordan.**
- Certificate of participation in the Biotechnology for Food Security Conference, Faculty of Science, Jerash University, 23-25/4/2024.
- Letter of thanks for participating in the Artificial Intelligence Conference: The Link in the Water, Energy, Food and Environment System, 14-15 October 2024, Amman, Jordan.
- Certificate of participation in the Fifth International Scientific Conference on Agricultural Sciences, College of Agriculture, University of Basra, November 27-28, 2024, Iraq.