

Esmail Galal Boriy, *PhD*

Date of Birth 4th march, 1982

Nationality: Egyptian



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Department of Food and dairy Sciences and Technology

Faculty of Agriculture,

Damanhur University, 22516

Egypt

Present Position

- Holding a permanent position of Assistant Professor
Department of Food and Dairy Science and Technology,
Damanhur University, Egypt

Academic Background

- **Ph.D.** (august 2016) Food Sciences and Technology, Department of Food and Dairy Science and Technology, Damanhur University, Egypt.
- **M.Sc.** (may 2010): Food Sciences and Technology from Department of Food and Dairy Science and Technology, Faculty of Agriculture, Alexandria University, Egypt.
- **B.Sc.** (Jun 2003): From Department of Food and Dairy Science and Technology, Faculty of Agriculture, Alexandria University, Egypt. With cumulative grade “**Excellent**”.

Professional and Research Experience....Snapshots

- December, 2016 to present: Assistant Professor, Faculty of Agriculture, Damanhur University, Egypt.
- august, 2010 to December 2016 : Assistant Lecturer at Department of Food and Dairy Science and Technology, Faculty of Agriculture, Damanhur University, Egypt
- December 2004 to august, 2010 : Research Assistant (Demonstrator at Department of Food and Dairy Science and Technology, Faculty of Agriculture, Damanhur, Alexandria University, Egypt

Courses taught

- Principles of human nutrition
- Biochemistry
- Nutrition Biochemistry
- Food chemistry
- Principles of food and dairy technology
- Food and dairy Chemistry and Analysis
- Food safety and quality control
- Food chemistry and analysis
- New aspect of preservation technology
- Food sanitation
- Functional foods

Research Skills

- Analysis and identification of compounds by HPLC
- Analysis and identification of compounds by GC
- *In vitro* digestion of food and dairy products
- Determination of Antioxidant activity of polyphenols with different methods.
- Determination of Total Polyphenol with different methods.
- Analysis and Purification of Proteins and Peptides by Reversed-Phase HPLC
- Identification and Separation of Protein using electrophoresis Techniques.
- Determination of the degree of hydrolysis of proteins
- Determination of Lipids, Proteins, Carbohydrates, Fibers.
- Technological skills in manufacturing of different food products.
- Determination of Rheological Characteristics of Food.

Responsibilities and membership

- Member of the faculty committee for quality and development, Damamhur University
- Member of the laboratory committee of the faculty, Damamhur University
- Member of Alexandria, Society for Food Science and Technology, Egypt.
- Advisor of student activities committee, Damamhour University, Egypt

Job/Work skills

- Strong commitment for teaching excellence and student advising
- Demonstrated personal commitment to, and achievement in, scholarly research and communication of that achievement to others.
- Well-developed analytical and problem solving skills.
- Ability to prioritise work and meet deadlines, while being flexible.
- Ability to innovate in research proposals and transfer it to applicable work.

Interpersonal Skills

- Ability to collaborate with other researchers and function as part of a research team.
- Ability to direct and supervise support staff.
- Organizing a workshops and meetings.
- How to link the work with society demands.

Language Proficiency

- ✓ Arabic : Native language
- ✓ English : good (spoken and written) **IELTS academic Overall Band (5/9)**
- ✓ French : low

Computer and IT Skills

Programs : Microsoft Office (Word, Excel, PowerPoint), Endnot

ICDL Certificate

Other skills: I have trained a lot in Faculty and Leadership Development Centre "FLDC " and have the following certificates:

- 1- Certificate for satisfactory completion of the "Effective presentation skills" Faculty and Leadership Development Center
 - 2- Certificate for satisfactory completion of the "Code of Ethics". Faculty and Leadership Development Center (FLDC).
 - 3- Certificate for satisfactory completion of the "Effective Teaching Skills. Faculty and Leadership Development Center (FLDC)
 - 4- Certificate for satisfactory completion of the "Research methodology". Faculty and Leadership Development Center (FLDC)
 - 5- Certificate for satisfactory completion of the "Communication Skills" Faculty and Leadership Development Center (FLDC)
 - 6- Certificate for satisfactory completion of the "Research Ethics". Faculty and Leadership Development Center (FLDC).
 - 7- Certificate for satisfactory completion of the " Use of global databases". Faculty and Leadership Development Center
 - 8- Certificate for satisfactory completion of the " International publication of scientific research ". Faculty and Leadership Development Center(FLDC).
 - 9- Certificate for satisfactory completion of the " Organization of scientific conferences". Faculty and Leadership Development Center(FLDC).
 - 10- Certificate for satisfactory completion of the " Exam systems and evaluation of students". Faculty and Leadership Development Center(FLDC).
 - 11- Certificate for satisfactory completion of the " Credit hours". Faculty and Leadership Development Center(FLDC).
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References

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