

Dr. Hany N. Yousef

3D El Quds El-Shareef Street • El Nozha El-Gedida- Cairo - Egypt • 01225790620
hany_barsoum@edu.asu.edu.eg



▼ Biography

Prof. Hany N. Yousef is a Professor of Animal Physiology, Faculty of Education, Ain Shams University. He is also the Head of Training and Technical Support Department, Central eLearning unit, Ain Shams University and the director of IT and e-learning unit at Faculty of Education, Ain Shams University. Prof. Yousef holds certifications as a digital transformation trainer from the Supreme Council of Egyptian Universities, a trainer at the Training and Development Center of Ain Shams University, and an external auditor from the National Authority for Quality Assurance and Accreditation. Up to 15 years of experiences in field of capacity building and developing and delivering training programs for focusing on several aspects related to integrating ICT in teaching practices such as: Egyptian Knowledge Bank, E-learning, online teaching skills, hybrid learning and e-assessment. Participated as a core member in some international projects aiming at building the capacity of teachers in the field of ICT such as: the national project "Empowering Higher Education Institutions for Digital Teaching and Learning in Egypt" conducted by UNESCO-ICHEI and IIOE Egypt & the Project of training and qualifying teacher for E-Learning (Hybrid Learning) implemented by UNICEF in cooperation with Faculty of Education, Ain Shams University. Additionally, he has provided training on a range of subjects, such as Teaching with Technology and Reference Managers (Endnote and Mendeley). Dr. Yousef co-authored several school books for the Arab Republic of Egypt and some Arab countries (one of them is the current Biology Book for 1st-Secondary in Egypt).

▼ Personal Details

- **Date of Birth:** April 3rd 1980
- **Gender:** Male
- **Marital Status:** Married
- **Nationality:** Egyptian
- **Staff portal:** <http://research.asu.edu.eg/cris/rp/rp01030>
- **Google Scholar:** <https://scholar.google.com.eg/citations?user=dmqrkSwAAAAJ&hl=ar>
- **Scopus:** <https://www.scopus.com/authid/detail.uri?authorId=56736027600>
- **ORCID:** <https://orcid.org/0000-0001-9795-2363>

▼ Qualifications

Institution (Date from – Date to):	Degree(s) or Diploma(s) obtained:
Ain Shams University, Cairo (2008- 2011)	Ph.D. degree
Ain Shams University, Cairo (2004- 2008)	M.Sc. degree
Ain Shams University, Cairo (2003 – 2004)	Special Diploma

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Institution (Date from – Date to):	Degree(s) or Diploma(s) obtained:
Ain Shams University, Cairo (2002- 2003)	General Diploma
Ain Shams University, Cairo (1998- 2002)	Bachelor of Science and Education
Further Training	
The American University in Cairo (AUC), Cairo	Training of Trainers (TOT)
Egyptian Knowledge Bank Team	TOT in EKB Resources
Central unit of IT training, Supreme Council of Egyptian Universities	TOT in Digital transformation
Orascom Training and Technology	Advanced Database course (Oracle Database 10g)
Orascom Training and Technology	Advanced soft skills course
Central Agency for Public Mobilization and Statistics	Advanced statistical analysis course (SPSS)
EduGerms Finland	STEAM & SED Training (Online)
GIMPEX-Audio Visual Communication, Cairo	SMART Board-Certified Trainer (MozaBook)
TDC Center - Ain Shams University, Cairo	Communication and Presentation Skills
TDC Center, Ain Shams University, Cairo	Quality Assurance and Accreditation Standards of Education
TDC Center, Ain Shams University, Cairo	Using Educational Technology in Teaching
TDC Center, Ain Shams University, Cairo	Effective Teaching
TDC Center, Ain Shams University, Cairo	Scientific Research Methods

▼ Present Posts

- Professor of Animal Physiology– Faculty of Education, Ain Shams University.
- Director of IT unit, Faculty of Education, Ain Shams University.
- Director of eLearning unit, Faculty of Education, Ain Shams University.
- Head of the training and technical support Department, Ain Shams University's central eLearning unit
- A certified Trainer at the Training and Development Center of Ain Shams University.
- A certified Digital transformation Trainer at the Supreme Council of Egyptian Universities.
- An external auditor at the National Authority for Quality Assurance and Accreditation

▼ Language skills (1 = excellent; 5 = basic):

Language	Reading	Speaking	Writing
Arabic		mother tongue	
English	1	2	1

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▼ Membership of professional bodies:

- Member in the natural protectorate pioneers' society
- Member in the Coptic Angelical Organization for Social Services

▼ Other skills:

- **Applications:** Microsoft Office 365 (Word, PowerPoint, Excel, Access, Planner, OneDrive)
- **Statistical analysis:** SPSS 24
- **Web-design & Graphics:** Dream Weaver Cs5, Photoshop Cs5.
- **Electronic courses & E-Books:** Course lab, Articulate Story line, Moodle, Blackboard, Flipbook maker pro-4, Movie maker 6, Camtasia 9
- **Reference Managers:** Endnote-9, Mendeley
- **Web resources:** EKB, YouTube, MazaBook, Microsoft Imagine Academy, Google, ...etc

▼ Key qualifications:

- **Excellent education management, operating and leadership skills** proven through leading the IT and eLearning units' team of my college since 2015 so far, and I have been involved in the preparation of the college's strategic plan (2012-2017). I am a core member in the team of Ain Shams University's central eLearning unit as I am responsible for leading the training and technical support sector of eLearning.
- **+15 years of experience in the field of Information and communication technology and eLearning** proven by:
 - From 2015 to the present, I am leading the IT unit of the Faculty of Education at Ain Shams University.
 - From 2019 to the present, I am leading the eLearning unit of the Faculty of Education at Ain Shams University.
 - From 2020 to the present, I've been the director of training and technical support at Ain Shams University's central eLearning unit.

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- Delivering +1800 training hours in the field of “Using technology in Teaching”.
 - Delivering +2500 training hours in the field of “Using EKB resources in teaching & Scientific research”.
 - Delivering +2600 training hours in the field of “eLearning using MOODLE”.
 - Delivering +40 training hours in the field of “ICT ”.
- **Deep Experiences** in Co-authoring School books for the Arab Republic of Egypt and some Arab countries (One of them is the current Biology Book for 1st-Secondary in Egypt)
 - **Excellent organizational, analytical, and interpersonal skills** acquired and proven through:
 - Managing several assignments and tasks within JICA project “Project to promote Japanese style community learning centers (KOMINKAN) and strengthening Social education in Egypt”
 - Managing several assignments and tasks within Erasmus+ project entitled: “School and University Partnership for Peer Communities of Learners (SUP4PCL)”.
 - Managing several assignments and tasks within USAID-funded project entitled: “STEM Teacher Education and School Strengthening Activity (STESSA)”.
 - Conducting a study entitled: “15 years of TEMPUS in Egypt, An overview on sustainability”. This study was designed by the Higher Education Reform Experts team (HERE – Egypt team) in cooperation with the National Erasmus+ Office to focus on the Long-term sustainability of the actions and projects funded by the TEMPUS program in Egypt.
 - Participation in the scientific project: ‘Enhancing Natural Sciences Teaching Using Advanced Technological Approaches’. One of the FOEP projects.
 - Participation in the formulating the strategic plan of Faculty of Education – Ain Shams University (2012-2017)
 - Developing the eLearning system of Faculty of Education – Ain Shams University and training faculty members on the skills of eLearning.

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- **Good knowledge of Modern Education Systems from international perspectives** through exploring best practices and lesson learned within study visits in **Germany**.
- **Excellent skills in writing academics reports, papers and books, as well as writing technical project reports, studies, guidelines, etc.**
- Excellent writing skills for academic reports, papers, and books, as well as technical project reports, research, and guidelines, etc.
- **Experience** in working and cooperating with **international companies** in the field of education reform especially capacity building of teachers and curriculum development area such as Longman.

▼ Professional experience:

Date	Location	Company & Ref.	Position	Description
08/2021 12/2021	Egypt	UNICEF in cooperation with Ain Shams University	Capacity Building Expert	<p><i>The project of Building the Capacity of Egyptian Teachers in Field of Hybrid Learning Skills:</i></p> <p>Train and qualify teachers on many competencies regarding Hybrid Learning such as:</p> <ul style="list-style-type: none"> • Using teaching strategies applied with Hybrid learning environments. • Applying online teaching skills through Zoom and Teams applications. • Using learning resources of the Egyptian Knowledge Bank (EKB) in teaching. • Pedagogical skills of dealing with Learning Management System. • Using the learning portals of Ministry of Education and Technical Education in teaching. • Developing Electronic Assessment.
2018-2020	Egypt	Erasmus+ EU Programme- (SUP4PCL) Project	Educational Expert	<p><i>Erasmus+ EU Project of "School and University Partnership for Peer Communities of Learners (SUP4PCL) Project".</i></p> <ul style="list-style-type: none"> • Promote continual professional development among faculties. • Build the capacity to share experiences, provide help and discuss all problems related to teaching and learning environment management.

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Date	Location	Company & Ref.	Position	Description
				<ul style="list-style-type: none"> • Improve skills to use technology in teaching for multi learning purposes. • Develop pedagogical performance of faculties. • Develop the culture of share, discuss and dialogue among faculties. • Develop new habits of mind such as reflection and journaling • Prepare professional development leaders and mentors for both Faculties & in-service Teachers.
2019–2020	Egypt	Longman - Centre for Curriculum & Instructional Materials Development (CCIMD)	Curriculum Development Expert	<ul style="list-style-type: none"> • Development of Biology curriculum for 1st year of Secondary School including Student Book, Teacher Book and Activities Book.
03/2002 - 01/2022	Egypt	Ain Shams University	Demonstrator in Faculty of Education, Ain Shams University	Preparation, education, qualification and training for students and teachers at the Faculty of Education, through teaching theoretically and practically some courses during the academic year.
01/2015 -till now	Egypt	Ain Shams University	Director of IT unit, Faculty of Education, Ain Shams University	<ul style="list-style-type: none"> • Overseeing all IT operations infrastructure. • Developing, implementing, and evaluating IT projects in line with organizational objectives. • Liaising with other departments to determine and address their IT needs and requirements. • Managing and supervising employees in the IT department. • Ensuring the maintenance of current projects and technology systems. • Identifying vulnerabilities, the need for upgrades, and opportunities for improvement. • Proposing strategic solutions and recommending new systems and software. • Preparing financial budgets and performance reports.

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Date	Location	Company & Ref.	Position	Description
				<ul style="list-style-type: none"> • Perform technology training sessions for IT department staff as required • Ensuring reported issues are resolved in a timely manner.
01/2019 -till now	Egypt	Ain Shams University	Director of eLearning unit, Faculty of Education, Ain Shams University	<ul style="list-style-type: none"> • Organize initiatives for online programs and identify trends in online learning • Work with faculty and administrative professionals in various departments to integrate distance learning options across all degree programs, and provide training for online instructors • Develop distance learning policies and best practices in conjunction with departmental coordinators. • Assess and analyze current online programs, and find ways to streamline and optimize processes • Work to give students a smooth application process and build strong retention and completion rates • Coordinate instructional design with an understanding of best practices for distance learning • Advise faculty on universal design and accessibility • Work with other institutional departments to support instructors delivering online coursework from the planning to the assessment phase
01/2020 -till now	Egypt	Ain Shams University	Director of training and technical support, Ain Shams University's central eLearning unit	<ul style="list-style-type: none"> • Executing the Technical Support strategy and tactics that will improve the staff members and students' experience • Using performance reviews and skills gap analyses to identify training needs per department, team and individual. • Planning training programs based on TNA • Implement coaching sessions and mentorship programs to establish a culture of continuous learning • Preparing and developing instructional training material and aids such as handbooks, visual aids, online tutorials, demonstration models, and supporting training reference documentation • Monitoring and performing ongoing evaluation and assessment of training quality and effectiveness, and reviewing and modifying training objectives, methods and course deliverables

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Date	Location	Company & Ref.	Position	Description
01/2013 -till now	Egypt	Ain Shams University	A certified Trainer at the Training and Developme nt Center of Ain Shams University	<p>Conducting professional training for academic staff members in the following areas to improve their knowledge and skills:</p> <ul style="list-style-type: none"> • Understand the benefits of digital literacy and using technology in the classroom. • Explore the potential of technology and recognize the importance of matching objectives with technology resources. • Apply ethics code of using educational technology in teaching. • Analyze the classroom environment to determine how technology can play a role and which technology resources can meet objectives. • Make the boring lectures far interesting by delivering dynamic presentations using advanced tools in MS PowerPoint 2019. • Use Microsoft Official Mail effectively. • Master Microsoft quiz to support student assessment. • Employ OneDrive as an effective tool for storing and sharing learning material. • Use the internet more effectively to get educational resources (Images, Videos, Articles, Experiments, Quizzes,etc) for supporting learning. • Master the use of the Egyptian Knowledge Bank educational resources (ex: Britannica academic, York press – Designmate, Discovery education, Nahdet Misr, Wolfram ,etc) • Master the use of ASU2learn eLearning platform • Identify the main elements of hybrid learning. • Master the use of virtual classroom applications (Microsoft teams & Zoom)
01/2020 -till now	Egypt	Ain Shams University	A certified Digital transformat ion Trainer at the Supreme Council of Egyptian Universities.	<p>Conducting professional training in the following ICT domains for academic staff and postgraduate students:</p> <ul style="list-style-type: none"> • Master the use of Microsoft Excel 2019 • Master the use of Microsoft Word 2019 • Master the use of Microsoft PowerPoint 2019

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▼ Study Visits

- As a member of EU project "School and University Partnership for Peer Communities of Learners (SUP4PCL)" travelled to **Germany** in November 2017 and Participated in various seminars and workshops on different issues, such as:
 - Peer Communities of Learners as a tool for building the capacity.
 - Professional Development of Teachers & Faculties.
 - Tools of reflection & Journaling.
 - Competence-based qualification system for adults: Qualification requirements, competence tests as a method of assessment
 - Professional development leaders and mentors for in-service teachers & faculties.
 - Case Study report.
 - The partnership between Schools & University.
- As a member of JICA project "Project to promote Japanese style community learning centers (KOMINKAN) and strengthening Social education in Egypt" travelled to **JAPAN** in October 2023 and Participated in a training program entitled: Technical and knowledge creation for Social education.

▼ Social Contribution:

- Supervising the Voluntary project "Hour for Hour" , for students of Faculty of Education – Ain Shams University to improve their teaching performance and professional skills in field.
- Participate as a member in the Coptic Angelical Organization for Social Services
- Volunteer in conducting many free workshops for Faculty of Education's students to improve their professional skills in field.
- Volunteer in conducting many free workshops for Faculty of Education's staff to improve their professional skills in field.
- Volunteer in conducting a seminar entitled "Digital transformation: the road towards a smart university" within the activities of the eleventh conference of the Department of Zoology, Faculty of Girls, Ain Shams University. March 2022

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- Volunteer in conducting a seminar entitled “eLearning and nursing education” to postgraduate students of faculty of nursing, Ain Shams University. December 2020
- Volunteer in conducting a seminar entitled “Education, technology & the future” within the activities of the Egyptian Supreme Council of Culture. November 2020
- In January 2021, I served as an arbitrator in the Information League competition, which was held by the Student Union of the Faculty of Education for students.

Leadership

- I have leadership skills and the ability to manage teams, as I have been leading the IT and eLearning units’ team of my college since 2015 so far, and I have been involved in the preparation of the college's strategic plan (2012-2017). I am a core member in the team of Ain Shams University's central eLearning unit as I am responsible for leading the training and technical support sector of eLearning.

▼ Internationalization

- Participation in conducting a study entitled: “15 years of TEMPUS in Egypt , An overview on sustainability”. This study was designed by the Higher Education Reform Experts team (HERE – Egypt team) in cooperation with the National Erasmus+ Office to focus on the Long-term sustainability of the actions and projects funded by the TEMPUS program in Egypt.
 - Participation as a core member in the Erasmus+ project entitled: “School and University Partnership for Peer Communities of Learners (SUP4PCL)”.
 - Participation as a core member in the USAID-funded project entitled: “STEM Teacher Education and School Strengthening Activity (STESSA)”.
 - Participation as a core member in the project "Empowering Higher Education Institutions for Digital Teaching and Learning in Egypt" conducted by UNESCO-ICHEI and IIOE Egypt
 - Participation as a core member in JICA project “Project to promote Japanese style community learning centers (KOMINKAN) and strengthening Social education in Egypt”
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Teaching experience

Undergraduate Courses Taught:

- Human Body
- Human Biology
- Animal Physiology-I
- Animal Physiology-II
- Evolution

Postgraduate Courses Taught:

- Advanced Animal Physiology
- Biochemistry

Publications

Published articles:

1. Nicola V. G.; Mustafa O. M.; Beltagi S. M; Yousef H. N. (2008): Seasonal changes in certain physiological aspects of the red swamp crayfish *Procambarus clarkii* in three different habitats in Egypt. Egypt J. Aquat. Biol. & Fish. 12(2), 155-175.
2. Nicola, V.G.; Mustafa, O.M.; Beltagi, S.M.; Yousef, H.N. (2008): Effect of environmental factors and sex difference on physiological responses of the exotic red swamp crayfish, *Procambarus clarkii*, in Egypt. Egypt J. Aquat. Biol. & Fish. 12(4), 203-228.
3. Beltagi, S.M.; Al-Shinnawy, M.S.; Elkattan, N.A. and Yousef, H.N. (2010): Effects of sublethal doses of selected botanical molluscicides on oxygen consumption of the brown garden snail, *Eobania vermiculata*. The Egyptian Journal of hospital Medicine (sep. 2010) vol., 40:402-410.
4. Beltagi, S.M.; Al-Shinnawy, M.S.; Elkattan, N.A. and Yousef, H.N. (2011): Physiological changes in the Brown garden snail, *Eobania Vermiculata* induced by sublethal doses of two botanical Molluscicides. J.Egypt.Ger.Soc.Zool., vol. (63A): Comparative Physiology, 375-397.
5. Yousef, H.N.; Saleh, A.A. (2013): Lipid profile and some hormonal disorders in serum of high-fat diet fed rats. The Egyptian Journal of hospital Medicine (July 2013) vol., 53:615-623.
6. Helal, E. G., Badawi, M. M., Soliman, M. G., Yousef, H.N., Abdel-Kawi, N. A., & Abozaid, N. M. (2013). Adverse Effects of Digoxin, as Xenoestrogen, on Some Hormonal and Biochemical Patterns of Male Albino Rats. Egyptian Journal of Hospital Medicine (October 2013), 53, 837-845.

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7. Helal, E. G.; Yousef, H. N.; khattab, A.S.M. (2013): Ameliorative effects of the olive leaf extract against alloxan-induced biochemical alterations in male wistar rats. *THE EGYPTIAN JOURNAL OF MEDICAL SCIENCES* 34 (2), 675-690.
8. Aboelwafa, H. R.; Yousef, H. N. (2015): The ameliorative effect of thymol against hydrocortisone-induced hepatic oxidative stress injury in adult male rats. *Biochemistry and Cell Biology*, 93(4), 282-289.
9. Eman G.E. Helal, Nouran Abou Aouf, Hany Nady Yousef, Al Sayeda Mohammad Khattab, Fatimah M Yousef (2015): Ameliorative effects of *Artemisia judaica* l. extract against alloxan-induced biochemical alterations in male wistar rats. *International Journal of Pharmacy and Pharmaceutical Sciences*, 7(9), 90-94.
10. Eman G. E. Helal, Hany N. Yousef (2015): Effects of *Salvadora persica* L. (Miswak) Aqueous Extract on Some Physiological Indices of Female Albino Rats. *Open Science Journal of Pharmacy and Pharmacology*, 3(5): 50-55.
11. Yousef, H. N.; Aboelwafa, H. R (2017): The Potential Protective Role of Taurine against 5-Fluorouracil-Induced Nephrotoxicity in Adult Male Rats. *Experimental and Toxicologic Pathology*, 69: 265-274.
12. Aboelwafa, H.R.; El-kott, A.F.; Abd-Ella, E.M.; Yousef, H.N. The Possible Neuroprotective Effect of Silymarin against Aluminum Chloride-Prompted Alzheimer's-Like Disease in Rats. *Brain Sci.* 2020, 10, 628. <https://doi.org/10.3390/brainsci10090628>
13. Yousef, H. N.; Sakr SM, Sabry SA. Mesenchymal Stem Cells Ameliorate Hyperglycemia in Type I Diabetic Developing Male Rats. *Stem cells international*. 2022;2022: 7556278. DOI: <https://doi.org/10.1155/2022/7556278>
14. Elpasty SSA, Helal EGE, Algendy AMM, Yousef HN. Effects of the Antiobesity Drugs Aplex and Venera on Certain Biochemical and Physiological Indices in Obese Adult Male Albino Rats. *Advances in Pharmacological and Pharmaceutical Sciences*. 2022;2022: 3776676. <https://doi.org/10.1155/2022/3776676>
15. Hany N. Yousef, Somaya S. Ibraheim, Ramadan A. Ramadan, Hanaa R. Aboelwafa, "The Ameliorative Role of Eugenol against Silver Nanoparticles-Induced Hepatotoxicity in Male Wistar Rats", *Oxidative Medicine and Cellular Longevity*, vol. 2022, Article ID 3820848, 18 pages, 2022. <https://doi.org/10.1155/2022/3820848>

Published book chapters:

1. Hossam S. El-Beltagi, Heba I. Mohamed, **Hany N. Yousef** and Eman M. Fawzi (July 11th 2018): Biological Activities of the *Doum Palm* (*Hyphaene thebaica* L.) Extract and Its Bioactive Components. In: Emad Shalaby and Ghada Mostafa Azzam (Ed.), *Antioxidants in Foods and Its Applications*. IntechOpen, DOI: 10.5772/intechopen.74772.

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2. Heba I. Mohamed, Hossam S. El-Beltagi, **Hany N. Yousef** and Eman M. Fawzi (October 2018): Biological and Pharmacological Activities of *Cowpea* (*Vigna unguiculata* L.) and Its Bioactive Component . In: Božica Anđelo Nikoljæ (Ed.), *Cowpea: Research Progress and Management Challenges*. Nova science publishers. ISBN: 978-1-53614-282-2