

C V

13.1 PERSONAL DETALLS



Surname	Ahmed		
First name	Harby		
Full name	Harby Ezzeldeen Hassan Ahmed.		
Title	Dr		
Occupation	1. Lecturer (Faculty of Archeology) 2. H.D Certified Trainer (Faculty and Leadership Development Center).		
Address	Conservation Department- Faculty of Archeology – Cairo University, 12613 Orman, Giza, EGYPT.		
Telephone	H. 0020237712236	Languages	Arabic (Native), English , Greek
Mobile	002- 0128 2367601 or 002- 01151404057	Email	harbyezzeldeen@yahoo.com.
Date of birth	Day 28	Mo 11	Yr 72
	Place of birth		El-Baliana – Sohag – Egypt

13.2 EDUCATION

School/ College/Other	Degree obtained	Dates (from-to)
Enzyme Biotechnology Department, School of Chemical Engineering, National Technical University of Athens, Greece.	Ph.D.	2004 - 2009
Conservation and Restoration Department , Faculty of Archeology , Cairo, Egypt	M.A.	1998- 2002
Conservation and Restoration Department , Faculty of Archeology , Cairo, Egypt	B.A.	1993 - 1997
Conservation and Restoration Institute, Kina , Egypt	Diploma	1991 - 1993

13.3 TRAINING

Training attended/ Technical skills acquired	Place	Dates
Training of Trainers programs (TOT).	National Center for Faculty and leadership Development (NCFLD), International	2012

	Board of Certified Trainers (IBCT) – Middle East and North Africa Division.	
A training course on X-ray Diffraction Techniques & Interpretation	Faculty of Science, Cairo University, Cairo, Egypt	2000
A training course on HPLC Techniques & Interpretation	Faculty of Science, Cairo University, Cairo, Egypt	2001
Practice on conservation and restoration of archaeological Egyptian textiles	Islamic Art Museum, Cairo, Egypt	2001
A training course on Electron Microscopy Techniques & Interpretation	School of Chemical Engineering, National Technical University of Athens, Greece.	2005

13.4 EMPLOYMENT HISTORY

Employer	Position	Dates (from-to)
Lecturer of Historical Textiles Conservation	Department of Monument Conservation, Faculty of Archaeology, Cairo University, Egypt	2010 – Present
Certified Trainer	Faculty and Leadership Development Center, Cairo University, Egypt	2010 - Present
PhD Student at National Technical University of Athens, Greece.	Enzyme Biotechnology Department, School of Chemical Engineering, National Technical University of Athens, Greece.	2004 - 2010
Assistant Lecturer at Department of Monument Conservation	Faculty of Archaeology, Cairo, Cairo, Egypt	2002 - 2004
Demonstrator at Department of Monument Conservation	Faculty of Archaeology, Cairo, Cairo, Egypt	1997 – 2002

13.5 MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS

Professional body	Level of membership	Year of award
The Arab Archaeologists Society	Member life	2000 - present
Textiles Conservation Group ICOM- CC	Member life	2000 - present
Egyptian Archeologists Association	Member life	2010- present

13.6. Scholarships

Scholarship	Study place	Year
Grunt for the State Scholarship's Foundation (IKY) – Greece. (For 4 years)	Enzyme Biotechnology Department, School of Chemical Engineering, National Technical University of Athens, Greece.	2004- 2008

Grant from National Technical University of Athens, Greece. (For 1 years)	Enzyme Biotechnology Department, School of Chemical Engineering, National Technical University of Athens, Greece.	2008 - 2009
Grant from The Partnership and Ownership initiative (ParOwn), the Egyptian Ministry of Higher Education and State for Scientific research , Egypt (For 3 months)	Laser Plasma Laboratory, Townes Laser Institute, College of Optics & Photonics, University of Central Florida, USA.	November 2011 to February 2012

13.7. TEACHING EXPERIENCE

- From 1997-2004 I had been teaching practices labs for courses of treatment and conservation of various organic materials such as textiles, carpets, manuscripts, basketry and feathers in Conservation Dept., Faculty of Archaeology, Cairo Univ.
- Teaching short courses in special topics for young conservators in Supreme Council of Antiquities, Cairo, Egypt 1997 – present.
- 2010 present I am teaching courses of Historical Textile and Carpet conservation and restoration, Preventive conservation, naturally textile dying for conservation procedure, history of woven structure, natural dyes in history and archeology in Conservation Dept., Faculty of Archaeology, Cairo University, Egypt.
- 2010 present I am teaching two courses Historical Textiles Conservation, Historical Organic Materials conservation, Post graduate student (Preliminary MA), College of Fine Arts - Alexandria University, Egypt.
- Lectures and workshops for employees of Egyptian ports and airports to detect archaeological artifacts.

13.7 PRACTICAL EXPERIENCES

- 1997- Till now Practical Conservation of many historical textile objects in different museums in Egypt.
- 2000 - 2002 Conservation treatment of some Ottoman textile in the Islamic Art Museum in Cairo
- 2009, Conservation treatment of some Coptic textile object in Ismallia Museum, Egypt.
- 2004- 2010, using Enzymes to remove oily dirt and starch adhesive past from some historical Egyptian textiles.
- 1997- Till now Practical works in analysis, identification and investigation of various historical materials using various methods and techniques such as optical microscope, polarizing microscope, Scanning Electron Microscope, FTIR, HPLC and XR-D.
- 1997 – Till now Expert in evaluation the durability of materials suggested to conservation field in the long term use.
- 1997 – Present, Expert in dying natural fabric by using natural dyes.
- 1997 – Present Expert in Evaluation the museum conditions (Sunlight, UV light, Heat,

Microbial effect, Acid effect on historical textiles dyed with natural dyes.

- 2010 – Excavation work (Conservation treatment and preventive conservation for a big numbers of textile objects in Joint- mission Cairo -Munch (Tuna el -Gabal Excavation, Egypt).

13.8 FIELDS OF INTEREST

- Treatment, Conservation and Restoration of Textile Artifacts
- Conservation of Organic Materials Artifacts
- Conservation of Carpets and Rugs
- Conservation of Embroidery Metal Threads
- Preventive Conservation of Monuments
- Applications of Enzymes in Conservation Field
- Investigation and analysis of textile materials such as fibers, dyes and pigments
- Application of Natural dyes on Natural fabric

OTHER ACTIVITY

- **A Member in the Egyptian National Project “New Strategies for Conservation of Ancient Egyptian Textiles with the Application on Some Selected Textile Objects in the Museum of Faculty of Archaeology, Cairo University, Funded by STDF (Ministry of Higher Education and Scientific Research, Egypt) for two years from November 2009**

AWARDS

- **Honored twice from Cairo University 1998 after B.A and 2003 after Master.**
- **(2010) The International Publication Award, Cairo University**

13.9 PUBLICATIONS

BOOK

[1] Harby E. Ahmed “History of Natural dyes in North Africa” in Handbook of Natural Colorants” (Eds): Thomas Bechtold and Rita Mussak- John Wiley & Sons, Ltd, UK, 2009. ISBN: 978-0-470-511992

[2] Harby E. Ahmed " Biotechnological Processes in the Restoration of Historical Textiles: Principles and Practical Application" Lambert Academic Publishing, 2012, German. ISBN: 978-3847341512.

[3] Harby E. Ahmed “Studies in the restoration and conservation of archaeological textiles” part 2 “ Introductionto the conservation of archaeological textiles - Principles and Practical Applications” International Library for Publishing and Distribution, Egypt . 2014 ISBN: 978-977-90-1414-2

JOURNALS

- [1] Harby E. Ahmed, Fragiskos N. Kolisis and Stavros S. Gremos “Enzymatic removal of the oily dirt from a Coptic tunic using Lipase enzyme” *Journal of Textiles Apparel. Technology and Management, U.S.A. Vol. 6, No. 3,(2010), pp 1-17.*
- [2] Harby E. Ahmed “An Extensive Study of the Effect of the Enzyme α - amylase that Used In Textile Conservation on Silk Fibers Dyed With Safflower, Madder Dye” *e-conservation magazine, No.17 (2010), pp 41- 51.*
- [3] Harby E. Ahmed, Fragiskos N. Kolisis “An Investigation into the Removal of Starch Paste Adhesives from Historical Textiles by using the enzyme α – amylase” *Journal of Cultural Heritage . Vol. 12 (2011) pp. 169-179*
- [4] Harby E. Ahmed, Yassin E. Ziddan “A New Approach for Conservation Treatment of a Silk Textile in Islamic Art Museum, Cairo” *Journal of Cultural Heritage, Vol, 12, (2011) PP. 412-419.*
- [5] Harby E. Ahmed "Strategy for preservation of Ptolemaic wrapped Mummy's linen in tuna el-Gebel excavation, Egypt, A case study" *International journal of Conservation science, Volume 2, Issue 3 (2011) PP. 155-164*
- [6] Harby E. Ahmed “First aid of rare Ptolemaic textile in Tuna el-Gabel Excavation, Egypt” *e- Conservation magazine, No, 23 (2012), pp 78 - 89*
- [7] Harby E. Ahmed, Fragiskos N. Kolisis “A Study on using of Protease for Removal of Animal Glue adhesive in Textile Conservation” *Journal of applied polymer science. Vol. 124, Issue 5 (2012) pp 3565–3576.*
- [8] Harby E. Ahmed, Sawsan S. Darwish " Effect of Museum Conditions on Historical Dyed Silk Fabric with Madder Dye" *Journal of Polymers and the Environment, Volume 20, Issue 2 (2012) pp 596-606*
- [9] Harby E. Ahmed, Maisa M. Mansour "Occurrence of fungi on some deteriorated ancient Egyptian materials and their controlling by ecofriendly products" *Egyptian Journal of Archaeological Restoration studies, Vol. 2, Issue 2 (2012) pp. 91-101. ISSN. 2090-4940.*
- [10] Harby E. Ahmed "Protease Enzyme Used For Artificial Ageing on Modern Cotton Fabric For Historic Textile Preservation And Restoration" *International journal of Conservation science, Volume 4, Issue 2 (2013) PP. 177-188.*
- [11] Harby E. Ahmed, Olodia A. Nassef "From Ptolemaic to modern inked linen via Laser Induced Breakdown Spectroscopy (LIBS)" *Journal of Analytical Methods, Volume 5, (2013) PP 3114- 3121.*

[12] Harby E. Ahmed "Identification and conservation of a rare Islamic textile decorated with metallic yarns" Egyptian journal of archaeological and restoration studies, Volume, 4 (2013) pp 109: 118.

[13] Harby E. Ahmed, Yuan Liu, Bruno Bousquet, Matthieu Baudelet and Martin Richardson "Investigation of Historical Egyptian Textile using Laser – Induced Breakdown Spectroscopy (LIBS) – a case study" Journal of Textiles Apparel. Technology and Management, U.S.A. Vol. 8, No. 2,(2013), pp 1-10.

[14] Harby E. Ahmed, Sameh Reda and Khaled Elnagar "Studying Irradiation Homogeneity in Light Aging for Historical Textile Conservation" Fiber and Polymer, Vol.14, No.9, (2013) pp 1581-1585.

[15] Harby E. Ahmed “ A new approach to the conservation of matallic embroidery threads in historic textile objects from private collections” International journal of Conservation science, Volume 5, Issue 1 (2014) PP. 21- 34.

CONFERENCES

[1] Harby E. Ahmed & Yassin Zidan “Study in Technique of Dying and Aging of Cochineal Dye” in the First conference El-Fayoum (El-Fayoum between the past and the present, future the Archaeological Touristic Development 7:8 April 2001.

[2] Harby E. Ahmed & Yassin Zidan “Study in Treatment and Conservation Silk textile No 12014 Islamic Art Museum” in The Arab Archaeologists Conference in Cairo November 2001.

[3] Harby E. Ahmed & Yassin Zidan “The Conservation Treatment of A Silk Textile in the Islamic Art Museum ,Cairo” in the Meeting of the ICOM Conservation Committee on –Recent Preoccupations Concerning Textile , Leather and Legislation , from 21st to 24th of April, 2004 , Athens, Greece.

[4] Harby E. Ahmed & Yassin Zidan and Kh.El-Nagar “Study on dying with Cochineal and aging of dyed fabric “in AHRB Research Center for Textile Conservation and Textile Studies – First Annual Conference, 13- 15 July 2004, South Hampton, UK. Post print , pp. 246 - 249

[5] Harby E. Ahmed, Yassin Zidan and Kh.El-Nagar "Aging behavior of silk dyed fabric with Safflower dye" in 26th Meeting of Dyes in Historical and Archaeology – 7th – 10th of November 2007, Vienna- Austria.

[6] Harby E. Ahmed, Fragiskos N. Kolisis" Notes on using the protease enzyme to remove animal glue in textile conservation" in 'Giza through Ages' -First international conference- Faculty of Archeology – Cairo University- 4 -6th March 2008, Cairo, Egypt

[7] Harby E. Ahmed, Fragiskos N. Kolisis "A Study on the Use of the Enzyme Lipase for the Removal of Oil Stains in Textile Conservation" in 34th Canadian Association for Conservation Conference- 30th May – 5th June 2008 – Montreal- Canada.

[8] Harby E. Ahmed, Fragiskos N. Kolisis "Practical Application of Protease Enzyme to remove Animal Glue in Textile Conservation" Going Green: towards sustainability in conservation- 24 April 2009 - The British Museum-London- UK.

[9] Harby E. Ahmed, Fragiskos N. Kolisis "A study on using of α -amylase for removal of starch adhesive paste in textile conservation" First meeting of FP7 Marie Curie Initial Training Network - Sep 29 – Oct 1, 2009- Friedrich-Schiller University of Jena, Germany.

[10] Harby E. Ahmed, Fragiskos N. Kolisis "An Extensive Study of The Effect of The Enzyme Protease That Used In Textile Conservation On Cotton Fibers Dyed With Turmeric Dye, Madder Dye" 28th meeting of dyes in History and Archaeology – 21th to 24th October 2009- Poznan - Poland.

[11] Harby E. Ahmed, Fragiskos N. Kolisis " Preliminary notes on using the lipase enzyme to remove oily dirt in textile conservation" 4th International Congress 'Science and Technology for the Safeguard of Cultural Heritage of the Mediterranean Basin' 6th to 8th December 2009- Cairo- Egypt, Vol. II, pp. 501: 510.

[12] Harby E. Ahmed, Fragiskos N. Kolisis "Notes of the effect of the Enzyme Lipase that use in Textiles Conservation on Silk Dyed Fabric with Madder Dye" The 3rd International Conference of the Faculty of Archeology- Cultural Contributions of Egypt and its Impact on the Human Civilization Through Ages- , 17th to 19th April 2010, Cairo, Egypt.

[13] Harby E. Ahmed, Fragiskos N. Kolisis "Behaviour of protease enzyme that use in textile conservation on silk dyed fabric with natural dyes" On the Body' 2011 Australian Institute for the Conservation of Cultural Material (AICCM) Textile Special Interest Group TSIG Symposium, Canberra, Australia from 16th March to 18th March 2011. Post print, pp. 89- 96.

[14] Omar Abdel-Kareem, Harby E. Ahmed, Khaled Elnagar, Identification of dyes in Islamic Textile Collection in Museum of Faculty of Archeology, Cairo University Egypt, The Symposium ISEND2011 Europe (International Symposium And Exhibition On Natural Dyes), La Rochelle, France From 24 – 30 April 2011.

[15] Harby E. Ahmed "Evaluating study of using Laser-Induced Breakdown Spectroscopy (LIBS) on Investigation of historical Egyptian textiles" The 15th Annual Southeast Ultrafast Conference (SEUFC), January 12th and 13th, 2012, University of Central Florida, USA.