#### Curriculum Vitæ

Name : Nesrin Mohamed Nabil Ahmed Khairat El Hadidi Current Position : Assistant Professor; Conservation Department;

> Faculty of Archaeology; Cairo University Assistant Manager – Quality Assurance Unit

E-mail : <u>nelhadidi@gmail.com</u> or nelhadidi@cu.edu.eg

# **Education:**

□ **Ph.D.**; 2003 in the Conservation of Archaeological Wood; Faculty of Archaeology – Cairo University; title: "A Study on some Physical, Mechanical and Chemical Changes of Deteriorated Archaeological Wood and it's Consolidation, with the Application on some Selected Artifacts at the Islamic Museum of the Faculty of Archaeology"

☐ M. A.; 1998 in the Conservation of Archaeological Wood; Faculty of Archaeology – Cairo University; title: "Treatment and Conservation of Archaeological Wood with the application on Two Wooden Coffins at the Egyptian Museum- Faculty of Archaeology - Cairo University"

☐ **B. A.**; with distinction in the Conservation of Antiquities, Faculty of Archaeology, Cairo University (1992)

## Languages spoken and written fluently:

Arabic, English, German

Other languages (but not fluent):

French

## **Training Courses:**

• Electron Microscope Applications in Biology – FARP – May 2010

Completed the following Training Courses at the Faculty and Leadership Development Center:

- Recent trends in teaching (15/1-17/1/2007)
- Designing a syllabus (29/1-31/1/2007)
- Scientific writing of research and international publishing (12/2 14/2/2007)
- Criteria of quality in teaching (24/12- 26/12/2007)
- Organizing Conferences (14/10 -16/10/2008)
- Effective Communication (14/10 -16/10/2008)
- Research Ethics (19/6-21/6/2012)
- Legal and Financial Aspects in University Environment (2/6 -3/6/2014)
- Effective Teaching Skills (1/12 2/12/2014)
- Managing Research Teams (2/5 -3/5/2015)
- Strategic Planning (10/8 11/8/2015)
- Exams and Students evaluation system (7/9 8/9/2015)

<u>Teaching Experience</u> at the Conservation Department, Faculty of Archaeology, Cairo University:

**1- Full time demonstrator** from June 1993- March 1998; Practical demonstrating of the following subjects for undergraduate students:

2<sup>nd</sup> year : Woodworking

Conservation and treatment of wood

 $3^{rd}$  year : Conservation and treatment of manuscripts  $4^{th}$  year : Conservation and treatment of organic materials

Conservation and treatment of textiles Archaeological textile technology

**2-Full time assistant lecturer** from March 1998- January 1999; September 1999-March 2003; Practical demonstrating of the following subjects for undergraduate and postgraduate students:

2<sup>nd</sup> year : Woodworking

Conservation and treatment of wood

4<sup>th</sup> year : Textile dyeing techniques

**3- Full time lecturer** from March 2003 – March 2009; teaching the following courses:

Undergraduates:

1<sup>st</sup> year : Principles in Conservation of Organic Materials 2<sup>nd</sup> year : Woodworking and Woodcarving Techniques

: Conservation and Treatment of Wood

3<sup>rd</sup> year : Ancient Technologies (Organic Materials) 4<sup>th</sup> year : Essays in Conservation of Organic Materials

 $2^{nd} - 4^{th}$  year : Conservation Readings in German

Postgraduates:

- Woodworking and Woodcarving Techniques
- Conservation and Treatment of Wood
- Ancient Technologies (Organic Materials)
- Conservation of Composite Artifacts
- Conservation and Treatment of Wooden Assemblies in Archaeological Structures
- Conservation of Wooden Furniture

#### 4- Full time Assistant Professor since March 2009

Other professional experiences:

Assistant Manager – Quality Assurance Unit – Faculty of Archaeology since October
2013
Obtained an eight month scholarship from Italy, and worked on the scientific analysis
of wood at the University of Tor Vergata, Rom (1999)
Worked in the Egyptian Radio , German transmission, prepared and presented an
archaeological program "Spuren im Sand" (1998)

Visited in 1989 the Smithsonian Museum (Washington D.C.), in 1995 the Organics
Conservation Department of the British Museum; as well as the Conservation
Department at the Museum of Mankind (London, U.K.).
Conservator at the conservation department of the Egyptian Museum (Tahrir-Cairo)
September 1992-May 1993
Member of "The Arab Archaeologist"

## **Participated in the following Conferences:**

- 1<sup>st</sup> Conference on Egypt and the Mediterranean through Ages, Faculty of Archaeology, Cairo University, October 2014
- First Vatican Coffin Conference, Vatican Museums Conference Hall, 19 22 June 2013
- First International Congress of Prehistory in the Arab World Cairo December 2012
- 1<sup>st</sup> International Conference on Ancient Egyptian Science EAO Cairo 2010
- 6<sup>th</sup> International Workshop for African Archaeobotany Helwan University IWAA 2009
- Chem.05 Conference Faculty of Science Cairo University, Egypt (2008)
- Giza throughout history Faculty of Archaeology Cairo University, Egypt (2008)
- Chem.03 Conference Faculty of Science Cairo University, Egypt (2004)
- 7<sup>th</sup> Egyptology Conference Cambridge, U.K. (1995)

## **Publications:**

- El Hadidi, N. M. N.; Decay of softwood in archaeological wooden artifacts, Studies in Conservation, (2015) DOI 10.1179/2047058415Y.0000000028 (in press)
- Salem, M. Z. M., Zidan, Y. E., Mansour, M. M. A., El Hadidi, N.M.N., Abo Elgat, W. A. A.; Antifungal activities of two essential oils used in the treatment of three commercial woods deteriorated by five common mold fungi, International Biodeterioration & Biodegradation (2015), <a href="http://dx.doi.org/10.1016/j.ibiod.2015.10.010">http://dx.doi.org/10.1016/j.ibiod.2015.10.010</a> (in press)
- Ibrahim, M. A, **El Hadidi, N. M. N.**, Hamdy, R. S.; Identification and Decay Assessment of a Wig Box at the Egyptian Museum in Cairo (poster), *Supplemento Atti Soc. Nat. Mat. Modena* 146, 2015
- Zidan, Y.; Mansour, M. A.; **El Hadidi, N. M.** N.; Abo Elgat, W. A.; An experimental study to evaluate the effect of different concentrations of iron rust compounds on the growth and morphology of wood degrading, Alexandria Science Exchange Journal vol. 36 (2), 299-309, 2015
- Zidan, Y.; El Hadidi, N. M. N.; Mansour, M. A.; Abo Elgat, W. A.; Treatment of Khedive Ismail's antique gun (1863-1879) at the National Military Museum - Saladin Citadel in Egypt – A Case Study, (accepted)
- Atef. M., Nazel, T., Nasr, S., El Hadidi, N. M. N., Determination of Wood Types used In The Wooden Friezes Of The Elasqallani Mosque In Malawi In 4<sup>th</sup> International Archaeological Conservation Conference "Modern Materials used in restoration of wall paintings", 20-21 April 2015 Faculty of Fine Arts Minia University

- Sherif, M. M., **El Hadidi, N. M. N.,** Amin, Y. Y.; Study on the effects of weakness and structural deterioration of wooden ceilings in archaeological Islamic buildings in Cairo, reasons, treatment and reinforcement with the application on the mosque of Ganem El Bahlawan in Cairo. In 4<sup>th</sup> International Archaeological Conservation Conference "Modern Materials used in restoration of wall paintings", 20-21 April 2015 Faculty of Fine Arts Minia University
- El Hadidi, N. M. N.; Changing Research Trends in the field of Archaeological Wood at the Conservation Department Faculty of Archaeology Cairo University, Studies in Conservation, vol. 60, no. 3, pp. 143-154, 2015
- El Hadidi, N., Darwish, S.; Preliminary study on the different effects of consolidation treatments in heartwood and sapwood of a decayed gymnosperm wood, Egyptian Journal of Archaeological and Restoration Studies "*EJARS*", vol. 4, issue 1, pp. 1-11, 2014
- El Hadidi, N. M. N., Hamed, S. A. M.; accepted. The effect of Preparation layers on the Anatomical Structure and Chemical Composition of Native Egyptian Wood, In: *Proceedings First Vatican Coffin Conference*, Vatican Museums Conference Hall, 19 22 June 2013
- Darwish, S. S., El Hadidi, N. M. N., Mansour, M.; The Effect of Fungal Decay on Ficus sycomorus Wood, International Journal of Conservation Science 4 (3): 271-282, 2013.
- Hamed, S. A. M., Ali, M. F., **El Hadidi, N. M.** N.; Assessment of Commonly Used Cleaning Methods on The Anatomical Structure of Archaeological Wood, International Journal of Conservation Science, 4 (2): 153-160, 2013
- Hamed, S. A. M., Ali, M. F., **El Hadidi, N. M. N.**; Using SEM in monitoring changes in archaeological wood: A review, (chapter code: 92), in "Current microscopy contributions to advances in science and technology" (Microscopy Book Series), 1077-1084, 2012
- Hamdy, R., El Hadidi, N. M. N.; Identification of Plant Materials used in the Coiled Basketry Collection at the Agricultural Museum (Giza, Egypt), in Fahmy, A.G., Kahlheber, S. & D'Andrea, A.C. (eds.).; Windows on the African Past. Current Approaches to African Archaeobotany; Reports in African Archaeology Vol. 3, 137-151, December 2011
- El Hadidi, N. M. N. & Hamdy, R.; Basketry accessories: footwear, bags and fans in ancient Egypt, in Journal of Archaeological Science 38: 1050-1061, 2011
- Rifai, M. M. & El Hadidi, N. M. N.; Investigation and analysis of three gilded wood samples from the tomb of Tutankhamun, in: Dawson, J., Rozeik, C. & Wright, M.M. (eds.), Decorated Surfaces on Ancient Egyptian Objects, Technology, Deterioration and Conservation; Archetype Publications, 16-24, 2010
- El Hadidi, N. M. N. & Hamdy, R.; Coiled Baskets from Deir El Medinah, (poster) in: Dawson, J., Rozeik, C. & Wright, M. M. (eds.), Decorated Surfaces on Ancient Egyptian Objects, Technology, Deterioration and Conservation; Archetype Publications, 171, 2010
- El Hadidi, N. M. N. & Hamdy, R.; Basketry Accessories: Sandal, Shoes, Bags and Fans, in Proceedings of the 1<sup>st</sup> International Conference on Ancient Egyptian Science; Science Heritage Centre; Cairo; 227-245, 2010

- Medhat, A., Zidan, Y. & El Hadidi, N. M. N.; Study on the use of Polymers in the treatment and Conservation of Historical Wood, COST Action IE0601, Wood Science for Conservation of Cultural Heritage, 2009
- Crestini, C.; **El Hadidi, N. M. N.,** Palleschi, G.; Characterisation of archaeological wood: A case study on the deterioration of a coffin, *Microchemical Journal*, Volume 92, Issue 2, 150-154, July 2009
- El Hadidi, N. M. N & Darwish, S. S.; Chemical Changes of Archaeological Wood, in Chem.05 Faculty of Science; Cairo University, 2008
- Darwish, S. S. & El Hadidi, N. M. N.; The Effect of Solvents on the Chemical Composition of Archaeological Wood, in Giza Through Ages, Studies in Conservation, Environment and Tourism, Faculty of Archaeology Cairo University; vol. 2; 85-100, 2008
- El Hadidi, N. M. N & Darwish, S. S.; The use of acids and bases in cleaning archaeological wood, in Giza Through Ages, Studies in Conservation, Environment and Tourism, Faculty of Archaeology Cairo University; vol. 2; 43-60, 2008
- Zidan, Y., Handoussa, T., Hosni, H., **El Hadidi, N. M. N.**; The Conservation of a Wooden Graeco-Roman Coffin Box, e-Preservation Science, no.3, 27-33, 2006
- El Hadidi, N. M. N.; The Cheops Boat 50 Years Later, in Conservation of Historic Wooden Structures (vol 1), Florence, Italy; 452-457; 2005
- El Hadidi, N. M. N.; Presentation of the Faculty of Archaeology; in Mediterranean Magazine (Special Edition), Italian Egyptian Exploratory Experts Meeting, Egypt, 2004
- El Hadidi, N. M. N.; 2g Wood: A Suitable amount of wood that can be taken from an archaeological artifact for analysis; in Chem.03, Cairo University, Egypt, 2004

#### **Accademic Supervision of Postgraduate Students:**

#### **Supervision of Master Thesis**

- 1. **Abdel Rahman Medhat Mohamed Ibrahim**; "Study on the Use of Polymers in the Treatment and Conservation of Historical Wood With the application on a Carriage at the Royal Carriage Museum" 2011
- **2. Ahmed Abdrabou**; "Study on the effect of deterioration resulting from incorrect restorations of gilded wooden artifacts. Re-treatment and conservation with application on one of King Tut Ankh Amens' bedsteads"
- 3. **Ahmed Adel Abd El Sattar**; "Comparative Study on the Evaluation of Natural and Synthetic Consolidants Commonly used in the treatment of Local Angiosperm Wood With the application on a chosen object"
- 4. **Aliaa Khaled Mahmoud**; "A Study of Technology, Conservation and Treatment of Antique Mats and Baskets with the Application on chosen objects"
- 5. **Amr Salah Abd El Hady Abd El Fatah**; "Study on the treatment and conservation of marquetry on wooden furniture, with the application on a chosen object"
- 6. **Dalia Ali El Zayat**; "Experimental and applied Study for restoration and conservation of archaeological wooden stained glass with application on the selected examples" 2009

- 7. Doaa Mahmoud Hussein Hassan; "Experimental Study for the evaluation of some neutralizing materials used in the treatment of acidity in Archaeological wood applied on a selected wooden object"
- 8. **Ebtehal Mahmoud Montasser**; "Stains that affect Archaeological Wood and Their Methods of Treatment" 2014 Minia University
- 9. **Elham Kareem Mohamed Nor El-din Mohamed**; "Experimental Study on some Chemical Changes of some Deteriorated Archaeological Wood Finishes and Evaluation of Chosen Methods of Treatment, with Application on a Selected Example"
- 10. **Fatma Magdy Ali Ahmed**; "Study on the effect of manufacturing mistakes in the deterioration of Icons with the application on chosen objects" 2015
- 11. **Hend Bayoumi Mohamed;** "Study on the chemical effect of some consolidants on soft archaeological wood Application on one archaeological object"
- 12. **Heba Allah Saber Farghaly**; "Comparative Study on the Use of Some Nanopolymers in Consolidation and Protection of Archaeological Softwood (With application on a selected object)"
- **13. Kareem Mohamed El Sayed Ahmed;** "Experimental study on the evaluation of Nano-materials used in the treatment and conservation of microbiologically infested archaeological hardwoods (With the application on a selected object)"
- **14. Kareem Ahmed Radi Amin;** "Study on the effect of weathering with the application on the platform of "El-Yousufey" mosque and the door of "El- Askalany" mosque Proposed methods of treatment and conservation" (Faculty of Arts Minia University)
- 15. **Mahmoud Sayed Mahmoud Ali**; "Mechanism of the deterioration of wooden lintels of the civil archaeological buildings of Isna City: An experimental study of the archaeological wood treatment and conservation" 2011 South Valley University
- **16. Mohamed Ahmed Ibrahim;** "An Experimental study on the treatment and conservation of ancient chests made of plant related materials with application on of the selected objects".
- 17. **Mohamed Ragab Ibrahim**; "Study on the effect of change in pH values on the treatment of archaeological wood (With the application on a selected object)"
- 18. **Mohamed Rabie Mohamed Mustafa**; "Experimental study for the treatment and conservation of wooden compartments applied on a compartment Omari mosque in Qus"
- 19. **Mostafa Maher Mostafa Sherif**; "A Comparative study on the conservation of wooden ceilings in Islamic monuments during the second half of the 20th century" 2011
- 20. **Mostafa Mahmoud Ahmed Hassan**; "Experimental study to evaluate the use of organic solvents and polymers in the treatment and maintenance of plywood with application on a selected object"
- 21. **Nor Mohamed Badr**; "Study on Techniques of Painting and Gilding Layers on Mummy Masks, and Their Methods of Treatment and Conservation with the Application on a Chosen Object" 2013
- **22. Omayma Ali Atteya Ebeid**; "Study on the evaluation of deterioration caused by inappropriate storage of Polychrome Wood (with the application on a chosen object)" 2013

- **23. Samah Said Mohamed Barakay;** "Experimental Study on Evaluating Enzymes Cleaning Effect on Chemical Composition of Archaeological Wood With the application on a selected object"
- **24. Wael Abd El Basset;** "A Study on the effect of Iron Rust on Properties of Antique Wood with the Application of Conservation and Treatment on chosen objects" 2010

#### **Supervision of PhD**

- 1. **Mahmoud Sayed Mahmoud Ali**; "Evaluation of the role of consolidation materials in the treatment of some types of deteriorated archaeological wood Applied study on chosen archaeological buildings in Upper Egypt" 2014 South Valley University
- 2. **Marwa Atef Mohamed Mohamed**; "Study of the Effect of Microbiological Damage, Pollutants and Salts on the Wooden Friezes of the Elasqallani Mosque in Malawi City and The Methods of Treatment" (Faculty of Arts Minia University)
- 3. **Medhat Abd Allah Abd El Hamid**; "Evaluation of Gap Fillers used in the completion of Small Wooden Archaeological Artifacts, with the application on a chosen object" 2014
- 4. **Mourad Fawzy Mohamed**; "A comparative study on the effect of cleaning materials on the chemical composition and mechanical properties of damaged and undamaged wood with the application on chosen archaeological wood"
- 5. **Mostafa Maher Mostafa Sherif**; "Study of structural problems in wooden ceilings of Islamic archaeological buildings and their restoration techniques with application on a chosen ceiling"
- 6. **Safa Abd El Kader Mohamed**; "Scientific Study of Anatomical Structure changes in Archaeological Deteriorated Wood and its Treatment, with the application on Selected Objects" 2009
- 7. **Wadea Botros Abd El Malek Botros**; "Scientific study of Reconstructing, Fixing and Restoring the Sanctuaries collection of wood paintings applied on the Angle Sanctuary of St Mina Monastery Fom El Khaleig" 2015
- 8. Wael Abd El Basset; "An experimental Study on the evaluation of the effect of microorganisms and non ferrous corrosion on archaeological wood, with the application on old weapons"
- 9. **Youssef Akl**; "A study on the application of wood joints and adhesives their influence on both wood deterioration and treatment with the application on selected objects"
- 10. **Omayma Ali Atteya Ebeid**; "Comparative study on the assessment of decay in archeaological wood excavated from different sandy environments." (With application on a selected object)

### **Refereed Thesis and Dissertations:**

1. **Ibrahim Hamed Mohamed El-Kholy**; A study on the inappropriate conditions for the use of enzymes in cleaning of natural dyed textiles "suggestions and solutions" – PhD Cairo University - 2015

- 2. **Neven Kamal Fahim**; "Experimental study on the deterioration effect of invisible light on archaeological textile applied on selected objects" PhD Cairo University 2015
- 3. **Fatma Abd Allaa Abd Elaziz Drea**; "Scientific study on cracks and craquelure phenomena in oil painting and the methods of restoration applied on one chosen painting"- MA Cairo University 2015
- 4. **Shaimaa Mohamed Abbas Morsy**; "Study methods of exhibition, storage and transportation of organic artifacts" MA Minia University 2015
- 5. Al Sayed Diab Mohamed Salem; "Conservation of Archaeological wooden columns with application on an Ottoman Mosque in Girga City" MA Sohag University 2014
- 6. **Hossam Ragab Ahmed Sleem**; "Study the relationship between technical analysis of painted layers on some organic supports and conservation methods as well as originality" MA Sohag University 2013
- 7. **Al Sayeda Nafisah Ibrahim**; "Experimental Study for the evaluation and modification of pastes used for gap-filling dented parchment manuscripts with application on an archaeological object" MA Cairo University 2012
- 8. **Dalia Ali Abd Aal El Sayed**; "Study of the Techniques, Treatment and Conservation of Velvet Textiles Embroidered with Metal Threads, an application on Entrance Veil or Curtain from Ottoman Era" MA Cairo University 2012
- 9. **Mahmoud Sallam;** "Study in treatment and conservation of wooden statues in museum stores, applied study on an Old Kingdom wooden statue in Sohag museum stores" MA Sohag University 2012
- 10. **Khadiga Adam Toh**; "Application Study for Conservation and Restoration the wooden ceilings had been covered by colored canvas applied on palace of Prince Alin Aq El Nasery in Cairo City" MA Cairo University 2012
- 11. **Nagah Ragab Abu Saif Sayed**: "Study the technique, treatment and Conservation of Cartonnage in Graeco Roman Period with application on a selected model" MA Cairo University 2011
- 12. **Mourad Fawzy Mohamed**; "A Study on Relation between Swelling and Shrinking in wood and its chemical compounds, with the application on Treatment, and conservation of Archaeological Painted Wood" MA Cairo University 2011
- 13. **Yasmeen Mohamed Alm Eldin Fathy Elsid**; "Study of Treatment and Conservation of Oil Paintings on Wooden panels applied on a selected Oil Painting" MA 2010

## **Girl Guiding Activities:**

Participated in the Conference "Vision and Strategy of Egyptian Scouting" – Cairo
(May 2015)
Member of WAGGGS Nominations Committee (2013-2016)
Head of the official Delegation of the Egyptian Girl Guides Association in the Arab
Conference (Oman 2013)
Participated in the WAGGGS Prototype e-learning course (March 2012)
Planning team member at Joint Asia Pacific-Arab TOT organized by WAGGGS in
Kuala Lumpur (November 2011)
International Commissioner of Egyptian Girl Guides at the Egyptian Federation of
Girl Guides and Girl Scouts - August 2010 – December 2014

	Advisor of the Ranger Committee - Faculty of Archaeology 2004-2011
	Attended the 42 <sup>nd</sup> Arab Regional Girl Guide Meeting, Cairo (February 2007)
	Vice Chairman of the Arab Committee at WAGGGS from November 2006 - May 2007)
	Member of the Arab Committee at WAGGGS 2004 -2007
	Trainer at the "WAGGGS Arab African Youth Forum" Cairo (September 2006)
	Attended the 41 <sup>st</sup> Arab Regional Girl Guide Meeting, Beirut (March 2006)
	Trainer at the "Iraqi Leaders Training" Cairo (February 2006)
	Trainer at the Arab Training for "Training Commissioners", Cairo (November 2005)
	Member of the planning team for training Iraqi Guide and Scout Leaders, Cairo (April
	2005)
П	Attended the 40 <sup>th</sup> Arab Regional Girl Guide Meeting, Cairo (February 2005)
	Member of Juliette Low Planning team for January 2005 seminar at Pax Lodge,
	London (January 2005)
П	Participant at WAGGGS roundtable discussion (London – January 2005)
	Member of the Egyptian Delegation at the 17 <sup>th</sup> Arab Conference for Girl Guides and
	Girl Scouts, June 2004, Sultanate of Oman
	International Trainer at WAGGGS
	Member of the Egyptian Delegation at the 31 <sup>st</sup> WAGGGS World Conference, June
	2002, Manila, Philippines
П	Checked the final version of the WAGGGS Spiritual Dimension Kit, London, May
	2000.
П	Represented Egyptian Youth NGO's at the UN Africa Youth Forum, Addis Ababa,
	April 2000.
	Referee of the Olave Award 1999
	Honorary Associate at WAGGGS since July 1996
	Member of the organizing committee of the 14th Arab Camp in Egypt 1997
	Attended the "Round table discussion on women's reproductive health", London
	1995, representing the Arab Region
	Attended the Youth Consultation of the International Conference on Population and
	Development (ICPD), Cairo 1994, as a WAGGGS representative
	Attended the ICPD, Cairo 1994, as a WAGGGS representative
	Member of the organizing committee of the international guide camp "Peace for All",
	Egypt 1994
	Member of the World Youth Committee (representing the Arab Region) at the World
	Association of Girl Guides and Girl Scouts (WAGGGS) from July 1993- July 1996
	International Commissioner for Girl Guides at the "Egyptian Federation for Boy
	Scouts and Girl Guides" and at the "Egyptian Girl Guide Association" (February
	1994-September 2001)
	Member of Board at the Egyptian Girl Guides Association (September 1993-
	September 2001)
	Assistant of International Commissioner at the Egyptian Girl Guides Association
	from 1989-1993
	Girl Guide since 1986

□ Short visits to Liechtenstein (1987), Morocco (1988), USA (1989), Great Britain (1993, 94, 95, 2000, 2004, 2005); Denmark (1997), Philippines (2002), Sultanate of Oman (2004) representing Egypt in Girl Guiding.