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Dr/ Eman Badry Mosa Salim

Lecturer of the Treatment and Conservation of Manuscripts

Faculty of Archaeology- Cairo University

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Personal information:

Current position: Lecturer of the Treatment and Conservation of Manuscripts

Major Specialization: Conservation of Organic Materials

Scientific degrees

- B.A. in Conservation of Antiquities University: Faculty of Archaeology – Cairo University - Egypt Date of Graduation: 2000-2004 [Very good]
- Master degree (archaeology): Conservation department, Faculty of Archaeology, Cairo• University, 2010 title of the thesis :”Ancient natural dyes and pigments used in textile and paper surfaces applied study for measuring color change”, treatment and conservation on selected objects

Head of the Conservation Department

Prof. Omar Abdel-Kareem

Institution/ University: Faculty of Archaeology- Conservation department

Degree: Excellent

Year: 2010

▪ **Phd Conservation of Antiquities(Manuscripts conservation)**

Title of thesis: “Experimental study to evaluate the effect of physico-chemical treatments on color fastness rates of some natural dyes and pigments on different cellulosic substrates with practical applications in the field”

Institution/ University: Faculty of Archaeology- Conservation department

Degree: First Class Honors

Year: 2018

Work History:

- **Teaching Assistant** at the Conservation Department, Faculty of Archaeology, Cairo University (2005-2010).
- **Assistant Lecturer** at the Conservation Department, Faculty of Archaeology, Cairo University (2010-2018).
- **Lecturer** at the Conservation Department, Faculty of Archaeology, Cairo University (2018- currently).

Main Duties and Responsibilities:

Undergraduate level

- Principles of treatment and conservation of organic artifacts- First year
- Treatment and conservation of papyrus- second year.
- Treatment and conservation of paper manuscripts- third year.

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- Topics in Conservation of Organic artifacts in a foreign language-
Forth year.
- Graduation project- forth year.

Postgraduate level

- Ancient technology of organic artifacts- first year- Excavation
Diploma
- Ancient technology of organic artifacts- first year- Conservation
Diploma
- Techniques and treatment of paper manuscripts- first year-
Conservation Diploma

Activities inside the University Campus:

- PhD researcher of Prof.Ahmed El-Shafei during 19 September
2016- 20 May 2017A at the department of chemistry- College
of textile- North Carolina University.
- Member of academic Guidance in the academic years 2021-
2022, 2022-2023.
- Member of the Electronic Courses Committee in the academic
year 2019-2020.
- Member of the Conservation department Admission
Committee in the Department of Conservation for the academic
year 2022-2023.

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The work of the Quality Assurance and Accreditation Unit

- Participated in reviewing the courses' specifications and reports for the Department of Conservation during 2017-2021.
- Participated in preparing the success indexes file during the period 2017-2021.
- Member of the measurement and Evaluation Committee-the department of Conservation- the Division of Conservation of Organic materials.

Training Courses :

- Trained archaeologists from Slovenia and Uzbekistan as part of Conservation Training Program held at the Faculty of Archaeology during the period 2-7 November 2008.
- Participated as a trainee in a Conservation of manuscripts training course held at the National Archives in Cairo- Egypt during the period 5-9 December 2009.

Training Courses : Faculty and Leadership Development Center

- Thinking skills (during the period 12-14 February 2007)
- Using modern technology in teaching (during the period 12-14 February 2007)
- Quality standards in teaching(during the period 12-14 February 2007)
- Scientific research methods(during the period 16-19 April 2007)

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- Effective teaching skills (during the period 22-26 April 2007)
- Effective presentation (during the period 10-12 May 2007)
- Arabic and English Editing in Scientific Research(10-11 October 2018)
- Exams and students evaluation systems(17-18 October 2018)
- The Credit hour System (24-25 October 2018)
- International publishing of Scientific research (22-23 October 2018)
- Crisis Management(29-30 October 2018)
- Managing Research Teams(12-13 November 2018)

Awards :

- Award of highest grade in the conservation of textile- Forth year.
- International Scientific publication Award for the academic year 2017.
- International Scientific publication Award for the academic year 2020.
- International Scientific publication Award for the academic year 2021.

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Masters Students Advised

	Student name	Thesis title	Supervisors
1	Rawda Hassan Saied Hassan	An experimental and applied study of the effect and effectiveness of zero and one -way nanomaterials in strengthening archaeological papyrus	Prof. Rushdya Rabee Prof. Nour Fathi Attai

Publications:

1. Zidan, Y., A. El-Shafei, W. NOSHY, and E. Salim, “ A Comparative study to evaluate conventional and non conventional cleaning treatments of cellulosic paper supports”, Mediterranean Archaeology and Archaeometry, vol. 17, issue 3, pp. 273-289, 2017.
2. W, N., S. E, and H. R, "A microscopic examination to monitor the paper dyeing techniques “, Scientific Culture, Vol. 6, No. 2, pp. 1-10, vol. Vol.6, pp. 1-10, 2020.
3. Y Zidan, A El-Shafei, W Noshy, E Salim”The effectiveness of aqueous and nonaqueous magnesium hydroxide nanopowder on the color stability of dyed cotton paper pulp”, International Journal of Conservation Science, Volume 11, Issue 3, July-September 2020: 657-668 www.ijcs.ro, 2020.

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4. Salim, E., AbdelHamied, M., Salim, S., Gamal, S., Mohamed, S., Galal, F.E., Tarek, F., Hassan, R., Ali, H.M. and Salem, M.Z.M. "Reduction of borax/agar-based gel residues used to neutralize acidity of a historical manuscript with used of different paper barriers: artificial ageing results", BioResources, Vol. 15 No. 3, pp. 6576-6599. 2020.
5. Salim, E. (2022), "A comparative experimental study of the use of toluene and isopropyl alcohol gel in cleaning wax stains from paper supports", Pigment & Resin Technology, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/PRT-10-2021-0122>
6. Salim,E., W.S. Mohamed, Rasha Sadek (2022),” Evaluation of the Efficiency of traditional chitosan, Nano chitosan and chitosan nanocomposites for strengthening aged papyrus paper”, Pigment & Resins Technology, <https://doi.org/10.21203/rs.3.rs-1748778/v1>
7. Salim, E. and Ali Hassan, R.R. (2022), "Alkyl dimethyl benzyl ammonium chloride as a new cleaner for washing treatments for historical printed paper", Pigment & Resin Technology, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/PRT-04-2022-0052>.
8. Eman Salim, Ayman Taha (2023)” Evaluating the Use of Sodium Alginate Polymer for Eco-friendly Consolidation and De-acidification of Ancient Printed Papers, 10.21.21608/EJCHM.2023.212741.8005
9. Wafika Noshy Wahba, Rushdya Rabee Ali Hassan, Amira Yehia Abd El Wahab Mahmoud and Eman Salim” Identification of pigments on the 19th French shell pattern in marbling paper: Analytical study” , Vol.9, No 3 August 2023.

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