

## **Curriculum Vitae**

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## CURRICULUM VITAE

### **Name**

Lutfi Ahmad Khalil (Ph.D.: Material Science in Archaeology)

### **Date of Birth**

1949

**Nationality** : Jordanian

### **July 1972**

Graduated from the University of Jordan, Faculty of Arts, BA in Archaeology

### **September 1972**

Joined the Department of Antiquities of Jordan, During that time, I participated in the restoration of Umm-El Rasa; a Roman Tower

### **March 1973**

Worked as the Curator of the University of Jordan Archeological Museum

### **September 1976**

Award a scholarship by the University of Jordan and the British Council to study in the UK

### **October 1977**

I finished the "Conservation Certificate of the Museum Association" in London

### **October 1977 – September 1980**

I completed my Ph.D. in Archaeological Science entitled: " The Composition and Technology of Copper Alloy Artifacts from Jericho and Some Related Sites", at the Department of Conservation and Material Science, Institute of Archaeology-University of London

### **December 1980 – April 1988**

Appointed as an Assistant professor in the Department of Archaeology – University of Jordan, for the first five years, I was the director of the University Archeological Museum, beside a full load in teaching

### **April 1988 – Feb. 2001**

Associate Professor

### **Feb. 2001- Present**

Professor

### **September 1990 – September 1993**

Visiting Professor at Department of Archaeology and Museums, King Saud University, Riyadh, Saudi Arabia

### **September 1994 – September 1995 , and Sep. 1999 –Sep. 2004**

Chairman of the Department of Archaeology University of Jordan, Amman – Jordan

**September 2004 - September 2005 and September 2006 – September 2007.**  
Visiting Professor at Department of Conservation and Management of Cultural Heritage ,University of Yarmouk.

**September 2008 – 2010**  
Dean of the Institute of Archaeology – University of Jordan

## **SCHOLARSHIP / AWARD**

- Sep.1976 – Sep. 1977, I was awarded a scholarship by the British Council to study in UK .
- Aug – Sep 1986, award from DAAD to analyze Bronzes in Rathgen Laboratory – Berlin .
- July – Sep. 1992, award from German Archaeological Institute – Berlin to study archaeo-metallurgical remains from Tall al-Magass – Aqaba .
- July – Aug. 2007, I was awarded DFG grant to publish the book Prehistoric Aqaba I .

## **QUALIFICATION IN EXCAVATIONS, CONSULTATION AND BRONZE ANALYSIS**

### **A. Excavations**

1. During my study and work, I joint many local and foreign excavations in Jordan are namely: Andrews University Expedition at Hesban 1971 and 1973 seasons. In 1973, I helped in the University of Jordan special educational excavation at Khilda. In 1975, I supervised the University's excavation at Ain El-Basha.
2. Director : I am the director of Magass-Aqaba excavation sponsored by the University of Jordan and the Deutsches Archaologisches Institut in Berlin,seasons: (1985,1990,1999,2001,2003,2004,2006, 2008 and 2010).
3. Director of the University of Jordan Educational Excavations at Yajouz for nine seasons (1995-2003)
4. Director of the university of Jordan / Cultural Resources Management project for training student on conservation and Restoration at Khirbet Yajuz for 2013 season.

### **B. Consultation & Miscellaneous**

1. Consult mission with UNESCO to Somalia for three weeks during 1986 for advising the Somalia Authorities on restoration of an Islamic Mosque at Mogadishu besides other matter in museums and archeological sites.
2. National representative of Jordan in: The International committee for the Conservation of the Industrial Heritage (TICCIH).
3. Correspondent member of the "German Archeological Institute – Berlin".
4. Consultant of "Friends of Archeology – Jordan". 1993 – 2001.

5. Consultant for “ Jerdanah Company” in “ Water and Sewage System Project at Aqaba” 1998
6. Vice president of “National Council of Museums – Jordan”. 1995 – 2000.
7. head of committee for “ Archeology and Tourism Section” in Scientific Research support Fund/ Ministry of Higher Education for the period between 29/9/2010-6/12/2011
8. Head of committee of “Research Priority for Antiquities and Tourism in Jordan for 2011-2020” The Higher Council for science and Technology, for the period 23/5/2011-23/5/2012.

### **C. Bronze Analysis**

1. I analyzed about 150 samples for my Ph.D. thesis, using different methods in various laboratories: Institute of Archeology; Victoria and Albert Museum; Kings College; and Imperial College.
2. I visited the Rathgen Research Laboratory in Berlin many times; for two months in 1977 and I analyzed two series of Prehistoric bronzes from the region of the Caucasus and Luristan, one month 1986 to analyze brone Sarcophagus from Syria , and two month to analyze the archaeo-metallurgical remains from Tall al-Magass-Aqaba .

## **PUBLICATIONS**

### **In English:-**

#### **A. Books**

**1. Khalil L. and Schmidt K. (2009)**

*Prehistoric Aqaba I* , edited by Lutfi Khalil and Klaus Schmidt, Orient – Archaologie, Band 23, verlag Marie – Leidorf Gmbh.

**2. Khalil, Seigne J., and Weber, T.M. (2013)**

Metal Casting in Roman Gerasa, DAAD and ifpo, Amman

#### **B. Articles :**

**1. KHALIL L. AND H.G. BACHMANN (1981)**

“Evidence of Copper Smelting in Bronze Age Jeicho”, *Journal of Historical Metallurgical Society*, Vol. 15 PP. 103-105.

**2- KHALIL L. (1984);**

“Metallurgical Analysis of Some Weapons form Tell El-Ajjul”, *Levant*, Vol. 16 PP. 167-170.

3. **KHALIL L.** (1984);  
 "Copper Metallurgy from Jericho", Appendix H in: *Jericho V*, edited by K. M. Kenyon and T. A. Holland, London, British School of Archeology in Jerusalem PP. 778-781.
4. **KHALIL L.** (1986);  
 "A Bronze Caryatid Censer from Amman", *Levant*, Vol. 18 PP. 103-110.
5. **KHALIL L.** (1986);  
 "Metallurgy of some Bronze Utensils from Fara", *Bulletin of the Institute of Archaeology*, Vol. 23 PP. 171-178.
6. **KHALIL L.** (1989);  
 "Metallurgy of the Syro-Roman Sarcophagus – Attachments", *Bronzewekstatten in Romischer Zeit*, edited by T. T. Weber, Verlag Philip Von Zabren PP. 72-78.
7. **KHALIL L.** (1987);  
 "A preliminary Report on the 1985 Excavations at Magass-Aqaba", *Annual of the Department of Antiquities of Jordan*, Vol. 31 PP. 481-483.
8. **KHALIL L.** (1988);  
 "Excavation at Magass-Aqaba, 1985", *Dirasat*, Vol. 15; No. 7 PP. 71-117.
9. **KHALIL L.** (1992),  
 "Some Technological Features from a Chalcolithic site at Megass-Aqaba", *Studies in the History and Archeology of Jordan*, Vol. IV Amman – Lyon, PP. 143-148.
10. **KHALIL L.** (1995),  
 "The second season of excavation at Al Magass-Aqaba, 1990", *Annual of the Department of Antiquities of Jordan*, Vol. 39, pp.65-79 .
11. **KHALIL , L.** (1998)  
 "University of Jordan Excavations at Khirbet Yajuz" *ADAJ Vol. 42*, PP.457-472 .
12. **KHALIL , L. and RIEDERER , J.** (1998)  
 "Examination of Copper Metallurgical Remains from a Chalcolithic Site at Tall al-Magass , Jordan" , *Damaszener Mitteilungen* , Vol. 10 , PP. 1-9 .
13. **KHALIL , L. and EICHMANN R.** (1999)  
 "Archaeological Survey and Excavation at Wadi al-Yutum and Magass Area-al-Aqaba (ASEYM) : A Preliminary Report on the First Season 1998" , *ADAJ* , Vol. 43, PP. 501-520 .
14. **KHALIL L. and Al-NAMMARI , F.M.** (2000)  
 "Two Large Wine Presses at Khirbet Yajuz , Jordan" , *Bulletin of the American Schools of Orient Research* , vol. 318 , PP. 41-57 .
15. **KHALIL , L.** (2001)  
 "Glass Vessels and Miniature Jugs from Khirbet Yajuz Cemetery , Jordan" , *Levant* , Vol. 33 , PP. 127-138 .
16. **KHALIL , L.** (2001)  
 "Pottery Candlesticks from the Byzantine Period at Yajuz" in : *Studies in the History and Archaeology of Jordan* , Vol. 7 , Amman , PP. 617-627 .

- 17. KHALIL , L. and EICHMANN , R. (2001)**  
 "Archaeological Survey and Excavation at Wadi al-Yutum and Magass Area , al-Aqaba (ASEYM) : A Preliminary Report on the Second Season 2000" , *ADAJ* , Vol. 45 , PP. 195-204 .
- 18. Bruckner et al (2002)**  
**KHALIL , L.** "Chalcolithic and Early Bronze Age sites near Aqaba, Jordan" in: *Orient - Archaeologie* , Vol. 5 , PP. 217-339 .
- 19. KHALIL L. , and KAREEM , J. (2002)**  
 "Abbasid Pottery from Area E at Khirbet Yajuz , Jordan" , *Levant* , Vol. 34 , PP. 111-150 .
- 20. Khalil , L., Eichmann R., and Schmidt K. (2003)**  
 "Archaeological Survey and Excavations at the Wadi al-Yutum and al-Magass Area - al - Aqaba (ASEYM) : A Preliminary Report on the third and fourth seasons" in : *ADAJ* , vol. 47 : 159-175 .
- 21. Khairy, N. and Khalil, L (2004)**  
 "Byzantine Pottery Lamps from the Yajuz Cemetery, Jordan" in: *Damaszener Mitteilungen*, Vol.14, PP. 167-182.
- 22. Khalil, L. and Eichman, R. (2006).**  
 "Archaeological Survey and Excavations at the Wadi al-Yutum and al-Magass Area – al – Aqaba (ASEYIN): A Preliminary Report on the Excavation at Tall Hujayrat al-Ghuzlan in 2006" in: *ADAJ* vol. So, PP.139-146
- 23. Al-Shorman , A. and Khalil , L. (2006)**  
 "The Evidence of Weaving at Khirbit Yajuz in Jordan Using Dental Microwear: in : *International Journal of Dental Anthropology* No. 8 : 1-9 .
- 24. Khalil, L. (2009)**  
 " Aqaba Through Ages", in : *Prehistoric Aqaba I* , edited by L. Khalil and K. Schmidt, *Orient – Archaologie*, Band 23, Verlag Marie Leidorf GmbH, PP. 1 – 4.
- 25. Khalil, L. (2009)**  
 "The Excavations at Tall al-Magass, Stratigraphy and Architecture", in : *Prehistoric Aqaba I* , edited by L. Khalil and K. Schmidt, *Orient – Archaologie*, Band 23, Verlag Marie Leidorf GmbH, PP. 5 – 16.
- 26. Eichmann, R., Khalil, L and Schmidt, K (2009)**  
 "Excavations at Tall Hujayrat al-Ghuzlan (Aqaba/Jordan): Excavations 1998 – 2005 and Stratigraphy", in : *Prehistoric Aqaba I* , edited by L. Khalil and K. Schmidt, *Orient – Archaologie*, Band 23, Verlag Marie Leidorf GmbH, PP. 17 – 77.

**27. Hauptmann, A., Khalil, L. And Schmitt – Strecker, S. (2009).**

,"Evidence of Late Chalcolithic/Early Bronze Age I copper Production from Timna Ores at Tall al-Magass, Aqaba", in : *Prehistoric Aqaba I* , edited by L. Khalil and K. Schmidt, Orient – Archaologie, Band 23, Verlag Marie Leidorf GmbH, PP.

295 – 304 .

**28. Khalil, L (2010)**

Evidence of copper Metallurgical Activities at Tall Hujayrat al Ghuzlan, Aqaba during the Chalcolithic Period " SHAJ Vol.II PP.529-534

**29. Khalil, L and Schmidt K. (2011)**

"Archeological survey and Excavation at Wadi AL- Yutum and the Al-Magass Area, Aqaba (ASEYM):

A preliminary Report on the Excavations at Tall Hujayrat al-Ghuzlan in 2008 and 2010" ADAJ 55, pp.421-430

**30. Ferry,M., Meghraoui, M, Abo Karaki, N., Al- Taj, M. and Khalil, L. (2011)**

" Episodic Behavior of Jordan Valley Section of the Dead Sea Fault Inferred from a 14-Ka long Integrated Catalog of the Seismological Society of America, Vol. 101, No.1, PP. 39-67

**31. Eger, C. and Khalil, L (2013)**

"Bead Jewellery of Late – Roman and Byzantine Time in the Province of Arivia, the Beads and Pendants of Glass, Stone, and Organic Materials from the Rock Chamber Necropolis at Khirbat Yajuz, Jordan" 156-181

**32. Khalil, L. and Al-Nadaf. M. (2013)**

"The Archaeometry of Materials; Report on the second working Phase: Aug.20-Sep. 6, 212" in Metal Casting in Roman Gerasa.

Editors, L. Khalil, J.seigne and T.M. Weber, DAAD and ifpo, Amman PP. 25-33

**33. Notroff, J., Schmidt, K., Siegel, U. And Khalil, L. (2014)**

"Reconstructing Networks, Linking Spaces the View from the Aqaba Region (Jordan)"

Levant, Vol.46, No.2

PP. 249-367

**34. Rhodius, C., Kaderiet, A., Siegel, U. Schmidt, K., Eichmanu, R. and Khalil, L. (2015)**

"constraining the time of Construction of the irrigation System of Tell Hujayrat al-Ghuzlan near Aqaba, Jordan, Using High- Resolution Optically Stimulated Luminescence (Hr-OSL) dating."

Archaeological and Anthropological Sciences

PP. 1-22

## C. In Arabic

1. **KHALIL L.** (1986),  
Translation of "A Bronze Caryatid Censer form Amman", *Annual of the Department of Antiquities of Jordan*, Vol. 30 PP. 15-21.
2. **KHALIL L.** (1986)  
The function of the University Archeological Museum in Education" presented to the *Symposium of the Departments of Archeology and Museology in the Arab Universities* in Sana-Yemen.
3. **KHALIL L.** (1987);  
"Ancient Copper Metallurgy in Jordan", *Arab Museum*, Vol. 3, No. 2 PP. 60-63.
4. **KHALIL L.** (1995)  
"Copper Metallurgy at South Jordan and Palestine during the Chalcolithic period", *Dirasat*, (Humanities), Vol. 22 A, No. 6; PP. 2789-2805.
5. **Khalil L.** (2005)  
"The Western Basilica Church at Khirbet Yajuz" in *ADAJ* , vol. 49 : 53-63 .
6. **Khalil, L. (2010)**  
"Aqaba Through Age, " in Place in National Cultural; Papers on The sixth Conference on Culture" University of Jordan , Press, Amman, PP. 145-160

## In publication in English :

### 1- Khalil , L.

"Evidence of copper Metallurgical Activities at Hujayrat al-Ghuzlan – Aqaba, During the Chalcolithic Period" in the forthcoming volume of *Studies in the History and Archaeology of Jordan*, by the Department of Antiquities of Jordan.

## Academic Conferences

- **The International Conference on the History and Archaeology of Jordan (ICHAJ) I** (1980) Oxford – UK
- **(ICHAJ) II** (1983) Amman – Jordan
- **(ICHAJ) IV** (1989) Lyon – France
- **(ICHAJ) VI** (1995) Torino – Italy
- **(ICHAJ) VII** (1998) Copenhagen – Denmark



- **(ICHAJ) IX** (2004) Petra – Jordan
- **(ICHAJ) XI** (2010) Paris – France
- **Symposium on Early Furnace Technology** (1982) British Museum, London – UK.
- **Workshop on Museums and Conservation**, (1988), Jordan National Gallery of Fine Arts, Amman – Jordan .
- **Archaeo – Paleoseismology for protection of Cultural Heritage and Archaeological Sites in the Middle East (APAME) I** (2004) Tubingen – Germany .
- **APAME II** (2005) Amman – Jordan
- **Priorities of the Archaeological Research in Jordan** (2004) Petra – Jordan .
- **Cultic Aspects of the Fourth and Third millennia Bc. In Arabia and the Southern Levant** (2007) University of Jordan, Amman – Jordan.
- **The National Conference on Culture : The Place** (2010) University of Jordan, Amman – Jordan .

#### **Theses Dissertations Supervision in Arabic:-**

- *Crafts in Palestine during the Bronz Ages*, by Mohmad Waheeb, joint Supervision With Mohmad Khair Yassen ,1988(NP)
- *Late Chalcolithic Period in Jordan ,in View of New Discoveriers*, by Sawsan Al-Fakhari,1990(NP)
- *Geophysical Exploration in Archaeology, Applications in Jordan.* by Khaldlon Abu Hamidah ,Joint With Zuhair Al-Isah, 1996 (NP)
- *Bronze Artifacts From Bronze Ages in Jordan.* by Samar Bushnag, 1998,(NP)

- *Methods of Mosaic Production in Maddaba and Yajuz during the Byzantine Period and its Restoration*, by Reham Haddad Joint With Bilal Amirah (1999) (NP)
  
- *Documentation and Conservation of the Basilica and the Chapel at Yajuz*, by Shatha Abu Khafaja, Joint With Rami Daher, 2000(NP)
  
- *Pottery of Mages- Agaba during the Fourth Millennium B. c* by Riham Migdadi (2000) (N P)
  
- *Water System Technique in Wadi Al-Khrrar during the Byzantine Period* , By Hadeel Al-Rabea (2002),(NP)
  
- *The Conservation and Restoration of the Mosaic Floors in the Apostles Church and the Paradise Mosaic in Madaba* , by Mahmoud Arenat , (2003),(NP).
  
- *The Byzation Ornaments and Jewelry From Khirbet Yajuz Cemetery* , By Elaneet Amr, (2004) (NP)
  
- *Ceiling System of Architecture at Khirbet Yajuz during the Byzantine and Umayyad Periods*, by Badea al Wazani (2004) (NP)
  
- *Preservation of Traditional Houses at the Center of Salt City :Al-Saket, Al khatib and Al-Sukkar*, by Ruba Seseh, (2010) (NP)

## **B) in English**

*Technology of Quarrying at Khirbet Yajuz and Surrounding Areas during the Roman Period* by Maria Elena Ronza, (2004) (NP).

- *A Study of the Mosaic Floors of the Churches : STS, Cosmos and Damianus and Bishop Genesis in Jerash* , by Catreena Hamarneh , (2010) , Published by the University of Jordan , Deanship of Academic Research.

### **Taught Courses for BA :**

- Archaeology of Jordan and Palestine .
- Introduction to Archaeology .
- Archaeological Field work Training .
- Introduction to Museology .
- Cultural Resources Management .
- Preservation of Cultural Heritage .
- Conservation and Restoration of Antiquities .
- Museum Environment .
- Museum Documentation .
- Basic Chemistry for Conservation and Restoration .
- Archaeological Material Sciences .
- Early Technology .
- Conservation and Restoration of Metals .

### **Taught Courses for MA :**

- Principles of Archaeological Excavations .
- Technology and Archaeology .
- Early Metallurgy .