

# Curriculum Vitae

## Personal Information

Surname : YASEEN  
Name : NAJEL A.T. ABDULLAH  
Nationality : Jordanian  
Place of birth : Asira El-Shamalieh  
Date of birth : 20.11.1962  
Marital Status : Married, three children



## Address

Al-Jubiha  
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## University Education

- February 1997: Ph. D. in mineralogy, geochemistry, petrography and petrology (major), geology and planetary science (minor) from the mathematic and natural science Faculty
- The Title of the Ph.D thesis is "Geochronologische und petrographische Untersuchungen im Umfeld der kontinentalen Forschungstiefbohrung (KTB) in Ostbayern
- “geochronological and petrographical investigation around the continental deep drilling bohrhole (KTB), northeastern Bavaria, Germany”
- The thesis has been done under the supervision of **Prof. Dr. B. Grauert**
- April 1990 - Dec. 1996 Joining the post graduate studies ( Promotion) at the **University of Münster**, (Zenterallaboratorium für Geochronologie, Institut für Mineralogie). **Münster , Germany**
- Sept. 1989-March 1990 Goethe-Institut, Goettingen - Germany.  
Three German language courses
- 1986-1989 M. S. in Geology, Department of Geology & Mineralogy, **University of Jordan, Amman – Jordan**

The title of the M.S. thesis was "Geology, Geochemistry and Petrology of the Precambrian Rocks of Wadi Rahma (DARBA), Wadi ARBA- SW JORDAN".

The M.S. thesis has been done under the supervision of **Prof. Dr. Ghaleb Jarrar.**

1980-1985 B. Sc. in Geology, Department of Earth Sciences, **Garyounis University, Benghazi - LIBYA**

### **Academic Experience**

December 2013 to present	Assistant professor, Dept of geology, University of Jordan, Amman Jordan
August 2008 to December 2013	Lecturer in isotope geochemistry Dept of geology, University of Jordan, Amman Jordan
August 2005 – August 2008	Head of science department, <b>King Hussein Foundation</b> , Jubilee school for gifted and talented students, Amman, Jordan
August 2001-August 2005	Earth Sciences and Astronomy Instructor <b>King Hussein Foundation</b> , Jubilee school for gifted and talented students, Amman, Jordan
July 2004 to February 2006	Part time lecturer in Geology, Geochemistry <b>Department of Geology and Mineralogy, University of Jordan, Amman,</b>
May 2004 – August 2004	Member of national team to reconstruct the earth sciences curriculum from grade 1 to grade 12, Ministry of education.
August 2000 to June 2001	Instructor of Chemistry (IGCSE Program) <b>Al-Manhal International School</b> , Amman, Jordan
Sept.1997 to Aug. 1999	Assistant professor of Geochemistry <b>Dept. of Earth sciences, Garyounis University - Benghazi – Libya,</b>
Sept. 1986-June 1988	Teaching and Research Assistant <b>Department of Geology and Mineralogy, University of Jordan. Amman, Jordan</b>

## **Administrational Duties**

7<sup>th</sup> September 2014 – 7<sup>th</sup> Sep. 2015

Head of Geology department/ The University of Jordan

14<sup>th</sup> June 2010 -16<sup>th</sup> Sep. 2012

Assistant Dean of academic and student affairs, Faculty of Science, University of Jordan

August 2005 to August 2008

Head of Science department, **King Hussein Foundation**, Jubilee school for gifted and talented students, Amman, Jordan

## **Courses Taught (University)**

### ***Undergraduate Courses:***

General Geology  
Crystallography and Mineralogy  
Optical Mineralogy  
Petrography  
Igneous and Metamorphic Petrology  
Environmental Geology  
Instrumental Analysis in Geology  
Material Characterization  
Environmental Geochemistry  
Principles of environmental sciences

### ***Postgraduate Courses:***

Advanced Geochemistry  
Isotope Geochemistry

## **Languages**

Arabic (Mother tongue)

English (Language of instruction in undergraduate and graduate studies)

German (Language of instruction in Ph. D study, Ph.D thesis is written in German language)

## **Computer Skills**

ICDL Certificate  
Intel for future  
Basic programming

## **Supervision of M. Sc. Students**

Ahmad M. Abudayeh 2018. Geology, geochemistry and petrography of Darba Suite, a contribution to the petrogenesis of basement rocks, SW Jordan.

## **Member of the examining committee of the following M. Sc students**

Al Ajarmeh, Nancy (2015): Abnormal Mineralogy from Swalieh Area.

Al-Zu'bi, Rasha (2015): A suit of upper and lower crustal xenoliths from Harrat Ash Shaam NE-Jordan, mineralogy, geochemistry, and petrogenesis.

Al-Khawaldeh, Mohammad (2016): Mineralogy, petrology and geochemistry of the Ahemir volcanic suite in Wadi Quseib and Wadi Abu sakakin, central Wadi Araba, southwest Jordan

Al Hadid, Khalaf (2016): The degree of awareness among Jordanian youth with respect to the concept of sustainable development and its issues.

Ahmad M. Abudayeh 2018. Geology, geochemistry and petrography of Darba Suite, a contribution to the petrogenesis of basement rocks, SW Jordan.

## **Workshops and special trainings**

1. Recent trends in university teaching. The University of Jordan, 24. 05 2017
2. learning outcomes for academic programs. The University of Jordan, 19. 10. 2017
3. Staff Development Workshops. Center for educational Development, The University of Jordan, Amman, 25. 08 - 04.09.2013.
4. Workshop in Curriculum Design and course construction for gifted and average level students. Jubilee School, Amman, December 2005, April 2006
5. Geographic information systems (GIS) for earth sciences. Seven introductory hour course. Canadian International Development Agency, Amman, 02. 07.2004.
6. Training course in CoRT “Cognitive Research Trust” (learning thinking skills). Jubilee School, Amman, 04-10. 06. 2003
7. Intel for future “using technology and computers in education”. Ministry of Education, Amman. 20.12. 2003 - 15. 01. 2004
8. Mind Mapping for Education. Jubilee School, Amman, 19. 11. 2002 (7 hours).

## **Memberships in Professional Associations:**

A member of the Jordanian Geological Association

A member of the European Association of Geochemistry (EAG)

A member of the Geological Society of America (GSA)

## **Academic research visits**

25/06/- 20/08/2009: Institute for mineralogy and crystal chemistry, Stuttgart University, **Germany**

10/01/- 10/02/2010: Dept of Geology and geochemistry. Stockholm University, **Sweden**

## **Conferences and workshops**

01- 2/ 04/1993 The 6<sup>th</sup> conference of the "Deutsche Forschungsgemeinschaft, DFG on the continental Deep Drilling Project of the F.R.G. (KTB). **Giessen Germany. Poster**

16 -17/11/1993 Workshop on the early history of the ZEV "Die fruhe Geschichte der ZEV". **Giessen, Germany. Presentation**

02-03/06/1994 The 7<sup>th</sup> conference of the "Deutsche Forschungsgemeinschaft, DFG\* on the continental Deep Drilling Project of the F.R.G. (KTB). in **Giessen, Germany. Poster**

16-17/06/ 1995 The 8<sup>th</sup> conference of the "Deutsche Forschungsgemeinschaft, DFG\* on the continental Deep Drilling Project of the F.R.G. (KTB). in **Giessen Germany. Poster**

22-24/11/1998 The 1<sup>st</sup> conference of earth sciences, Garyounis University, **Benghazi – Libya. Presentation**

25-26/04/2002 The 11<sup>th</sup> conference of the private schools council, **Amman- Jordan**

02-03/05/2003 The 12<sup>th</sup> conference of the private schools council, **Amman- Jordan**

01-05/11/2006 The 53<sup>rd</sup> Convention of the national association for gifted students. Charlotte, **North Carolina, USA**

15-20/10/2010 The 3<sup>rd</sup> field workshop of JEBEL project. **Egypt**

22-28/10/2011 The 4<sup>th</sup> field workshop of JEBEL project, **Jordan**

- 3-12/11/2012      The 5<sup>th</sup> field workshop of JEBEL project, **Saudi Arabia**
- 3-07/11/2013      Regional training course on atmospheric aerosols sampling, procedures and techniques. (Participate as trainer), The University of Jordan. **Jordan**
- 20-24/11/2016      Regional training course on the use of IBA techniques to analyze atmospheric Aerosols. (Participate as trainer), The University of Jordan. **Jordan**

### **Scientific Publications**

- Abudayah, A., **Yaseen, N.**, Jarrar, G. H. (2019): Petrography, Identification of Metasomatic Textures and Isochemical Reactions from Darba Suite, SW Jordan. (accepted), International Journal of Applied and Natural Sciences.
- Jarrar, G.H., Stern, R.J., Theye, T., **Yaseen, N.**, Pease, V., Miller, N., Ibrahim, K.M., Passchier, C.W., Whitehouse, Martin J. (2017): Neoproterozoic Rosetta Gabbro from northernmost Arabian–Nubian Shield, south Jordan: Geochemistry and petrogenesis. *Lithos*, 284, 545-559.
- Meyer, S.E., Passchier, C., Jarrar, G.H., Ghanem, H., **Yaseen, N.** (2017): Mimicking shear zones: An example from Wadi Filk, Jordan, *Journal of structural geology*, **98**, 83-94.
- Saffarini, G., Jarrar, G. H., Dill, H, G., Ghanem, H., **Yaseen, N.** (2016): Data analysis of a revisited exploration geochemical dataset of quartz porphyrites from SW Jordan using GIS techniques. *Chieme der Erde*, 76(4), 519-527.
- Hamadneh, I., **Yaseen, N.**, Abdallat. Y., Hamadneh, L., Tarawneh, O. (2016): The Sintering Effect on the Phase Formation and Transport Current Properties of SmBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> Ceramic Prepared from Nano-Coprecipitated Precursors. *J Supercond Nov Magn*, 29, :829–834
- Yaseen, N.**, Pease, V., Jarrar, H. G., Whitehouse, M. (2013): U-Pb detrital zircon provenance of the Saramuj Conglomerate, Jordan, and implications for the Neoproterozoic evolution of the Red Sea region. *Precambrian research*, 239, 6-23.
- Jarrar, H. G., Theye, T., **Yaseen, N.**, Whitehouse, M., Pease, P., Passchier, C. (2013): Geochemistry and P-T-t evolution of the Abu-Barqa Metamorphic Suite, Sw Jordan, and implications for the tectonics the northan Arabian-Nubian Shield. *Precambrian research*, 239, 56-78.
- Al Kuisi, M., Saffarini, **G.**, **Yaseen, N.**, Alawi, M. (2012): Potential Occurrence of MTBE and BTEX in Groundwater Resources of Amman–Zarqa Basin, Jordan. *Clean – Soil, Air, Water* 2012, 00 (0), 1–9 (accepted)

- Jarrar, G., Ibrahim, K. M., Stern, R.J., Catlos, E.J. and **Yaseen, N. (2012)**: Ediacaran (~600 Ma) Rosetta Gabbro from the northernmost Arabian-Nubian Shield, South Jordan: Mineralogy, Geochemistry and Petrogenesis. Geological Society of America *Abstracts with Programs*, Vol. 44, No. 6, p. 94
- Jarrar, G., Dill, **H.**, **Yaseen, N.**, Whitehouse, M. (2012): The Aheimir volcanic suite and Ediacaran post-collisional sequence from the northernmost Arabian-Nubian Shield, Wadi Araba, SW JORDAN: Age, Geochemistry and Petrogenesis. Geological Society of America, *Abstract with programs*, Vol. 44, No. 5, p. 58
- Jarrar, G., Theye, T., Yaseen, N., Whitehouse, M. (2011): Geochemistry, and P-T-t Evolution of the Abu-Barqa Metamorphic Suite, Northernmost Extremity of the Arabian-Nubian Shield in Central Wadi Araba, Jordan. In: Aerden D.G.A.M. & Johnson, S.E. (eds) "The Interrelationship Between Deformation and Metamorphism. Abstracts Volume. 100 – 101, University of Granada
- Abdullah, N.**; Grauert, B. & Kleemann, U. (1993): Altersbestimmungen an Metagraniten und Paragneisen der Mylonitzone von Floss-Altenhammer and der Bohrung Floss-II. DFG\* Schwerpunktkolloquium, 1-2 April 1993, Giessen, Abstracts-Band, 120-121
- "Age determinations on the metagranites and the paragneisses of the mylonite zone of Floss-Altenhammer and the borehole Floss-II"*
- Abdullah, N.**, Grauert, B., & Krohe, A. (1994): U-Pb und Rb-Sr-Untersuchungen von Metagraniten der Mylonitzone von Floss-Altenhammer und einer Probe des Leuchtenberger Granit. 7. DFG-Schwerpunktkolloquium, KTB-Report, 94-2: B 37
- "U-Pb and Rb-Sr studies on the metagranites of the mylonite zone of Floss-Altenhammer and a sample of the Leuchtenberger Granite"*
- Abdullah, N.**, Grauert, B., Krohe, A., Lork, A., & O'Brien, P. (1995): Ages of polymetamorphism in rocks from the German deep drill hole (KTB), Eastern Bavaria. – Terra Abstracts, EUG 8, VOL. 7: 552.
- Abdullah, N., Krohe, A. & Grauert, B. (1994)**: Altersbestimmungen von HT-Myloniten der Mylonitzone von Floss-Altenhammer und eines Gneisvorkommen im Leuchtenberger Granit. 7. DFG Schwerpunktkolloquium, KTB-Report, 94-2: B 36.
- "Age determinations on the HT-mylonites of the mylonite zone of Floss-Altenhammer and a gneiss occurrence (enclave) in the Leuchtenberg granite"*
- Krohe, A., **Abdullah, N. & Grauert, B.** (1994): Mikrogefügeuntersuchungen am Leuchtenberger Granit und an Metagraniten der Mylonitzone von Floss-Altenhammer. - 7. DFG-Schwerpunkt kolloquium, **KTB-Report, 94-2: B 38.**
- "Microstructures studies on the Leuchtenberg granite and the metagranites of the mylonite zone of Floss-Altenhammer"*

### **Current research**

- 1) Geochemistry and geochronology of mafic rocks related to the Arabian Nubian shield exposed south west Jordan
- 2) Petrography and mineral chemistry of synplutonic dikes in Aqaba Complex, SW Jordan

### **Country visited**

Libya, Egypt, Lebanon, Syria, Saudi Arabia, Germany, Holland, South Africa, Sweden, Turkey and USA

Dr. Najel A. T. Abdullah Yaseen