

Noa Fruchter - Curriculum Vitae

Born October 15, 1979 Citizenship: Israeli

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Synopsis

A Ph.D in geology specialized in geochemistry and isotope geochemistry with 10+ years of experience in operating and maintaining advanced analytical instruments. Professional, creative, fast learner and flexible with excellent analytical and technical approach. A team player, but can easily work independently.

Education

- 2009-2014 Ph.D. Magna Cum Laude in Geology at GEOMAR in Kiel, Germany with secondments at The Hebrew University of Jerusalem (HUJI), Israel and at the University of Technology in Graz (TUGraz), Austria.
Thesis title: Trace Elements and Isotopes Incorporation into Inorganic and Biogenic Aragonite.
- 2007 – 2009 M.Sc. Magna Cum Laude in Geology at the Hebrew University of Jerusalem, Israel.
Thesis title: Quaternary Drainage System Evolution in Active Rift Margins.
- 2003 – 2006 B.Sc. in Geology at the Hebrew University of Jerusalem, Israel

Employment

- Since 2019 Researcher at NRCN, Israel.
- Head of analytical laboratory.
 - Project manager.
 - Operating advanced analytical instruments.
- 2014-2018 Post-doctorate researcher, Geological Survey of Israel and the Hebrew University.
- Project management.
 - Instructing and guiding M.Sc and Ph.D students in laboratory work.
 - Field work in Lake Kinneret, including scientific cruises, sampling and preparation for analyses.
 - Operating advanced analytical instruments, computational modeling, data analyzing and compilation.
 - Writing reports and scientific articles and participating in international conferences.

- 2009-2014 Ph.D. position, CALMARO project funded by Marie Curie Action of the Seventh Framework Program.
- Designing and operating laboratory experiments in 3 different research institutes in Israel Austria and Germany.
 - Time management and coordination between the different projects and collaborators, including risk assessment and solving problems.
 - Intense laboratory work, specializing in advanced analytical instruments, computational modeling, data analyzing and compilation.
 - Collaborating with other researchers and integrating the scientific projects between all participants.
 - Writing reports and scientific articles and participating in international conferences.
- 2007 – 2009 Teaching assistant, The Hebrew University of Jerusalem, Israel.
- Preparing and presenting frontal lectures.
 - Grading and preparing answer keys for homework and exams.
- 2004 – 2007 Research assistant, The Geological Survey of Israel.
Assisting a Ph.D. student. Fieldwork and laboratory work at the sedimentology laboratory of The Geological Survey in Jerusalem, Israel.
- 2004 – 2006 Research assistant, The Hebrew University of Jerusalem, Israel.
Maintenance and multi-technical operation.
- 2000 – 2002 Senior manufacturing technician, Intel, Israel.
Clean room technician; operator of microscopes including SEM; coordinator of quality assurance processes; manufacturing process instructor.
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