

Curriculum Vitae

Beriwan M. Khailany, Ph.D.

Position: Advisor to the Minister for Scientific Affairs,
Ministry of Higher Education & Scientific Research,
Kurdistan Regional Government .



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Nationality: Iraqi

EDUCATION

Ph.D. (1985) Micropalaeontology (Oil Exploration), University College London, UK.
B.Sc. (1976) Geology, College of Science, Baghdad University, Iraq.

Title of Ph.D. Thesis

“Palaeocene Foraminifera from Texas, Alabama and the Gulf of Mexico.” (Prof. Alan R. Lord, supervisor)

EMPLOYMENT

2004-2007 Deputy Minister for Scientific Affairs, Ministry of Higher Education and Scientific Research, Baghdad Central Government, Baghdad, Iraq.
2002-2004 Head of Scientific Affairs Section, Scientific Affairs and Cultural Relations Department, Al-Nahrain University, Baghdad, Iraq.
Lecturer, Chemistry Department, Al-Nahrain University, Baghdad, Iraq.
1994-2002 Senior Geologist, Applied Research Center, Baghdad, Iraq.
1992-1994 Chief Geologist, Applied Research Center, Baghdad, Iraq.
1988-1992 Senior Scientific Researcher, Petroleum Research Center, Scientific Research Council, Baghdad, Iraq.
1985-1988 Scientific Researcher, Petroleum Research Center, Scientific Research Council, Baghdad, Iraq.
1980-1985 Scholarship from Baghdad University (study leave), Geology Department, University College London, United Kingdom.
1977-1980 Assistant Teacher, Geology Department, College of Science, Baghdad University, Baghdad, Iraq.

PUBLICATIONS - BOOKS

(2000) Atlas: Late Cenomanian Microfossils of The Mishrif Formation in West Qurna and Rumaila North Oilfields, Southern Iraq
(1985) Principal of Photo-Geology, (textbook). Third Year Geology Course.

PUBLISHED PAPERS

- (2008) "Petrology, Diagenesis and Depositional Environment of Nahr Umer Formation from Selected Wells in Central Iraq." *Iraqi Bulletin of Geology and Mining*, Vol. 4, No. 1.
- (2003) "Kaoline-Polar Organic Compounds Complexes." *Iraqi Journal of Chemistry*, Vol. 29, No. 2.
- (2003) "Kaoline-Polar Organic Compound Complexes." *Iraqi Journal of Chemistry*, Vol. 29, No. 2.
- (2002) "Preparation of Phosphatizing Agents." First Scientific Conference, Chemistry Department, Fertilizer and Phosphatic Compound Industries.
- (2002) Deflocculant in the Sanitary Ware. 20th Iraqi Chemists Conference.
- (2000) "Extraction of Titanium Dioxide from Iraqi Ilmenite." *Iraqi Journal of Chemistry*, Vol. 26, pp. 740-42.
- (1999) "Separation and Extraction of Zirconium Dioxide from Damaged Zirconium Tiles." Second Scientific Conference, College of Science, Baghdad University.
- (1998) "Mid-Cretaceous Rudist-Bearing Carbonates of the Mishrif Formation-An Important Reservoir Sequence in the Mesopotamian Basin, Iraq." *Journal of Petroleum Geology*, Vol. 2, Part 1, pp. 57-82.
- (1994) "Paleoenvironmental Interpretation of the Mishrif Formation, Nasiriyah Area, Southern Iraq." *Iraqi Geological Journal*, Vol. 27. pp. 216-29.
- (1989) "Calcareous Algae of the Lower Cretaceous Yamama Formation, Nasiriyah Area, Southern Iraq." *Proceedings of the 5th Scientific Conference, SRC*, Vol.2, Part 1, pp. 33-46.
- (1986) "Small Foraminifera at Cretaceous-Tertiary Boundary." *Proceedings of The 4th Scientific Conference, SRC*, Vol.2, Part 1, pp. 70-78.

PATENTS

- (2003) Coating Paste For Silk Screen Printing on Glass Surfaces. No. 3166. Verified Certificate by General Organization of Standardization and Quality Control, Iraq

PROFESSIONAL MEMBERSHIPS

Editorial Board, *Journal of Al-Nahrain University for Science* (2002-2004)
Iraqi Geological Society (1976-Current)

COMMUNITY AND CIVIC ACTIVITIES

- 2009 - current Member, Committee of Experts and Consultants to Prepare a National Strategy for Education in Iraq
- 2005 - current Member, Steering Committee for Teacher Education Network, UNESCO
- 2007 Member, Joint Iraqi-Czech and Iraqi- Slovak Committees
- 2006 - 2007 First Deputy, Iraqi National Committee for Education, Culture & Science
- 2006 - 2007 UNESCO focal point for the fields of teacher training and scholarships
- 2006 Head of Foundation of Scientific Research
- 2005 Member, joint Iraqi-Omani Trade Committee
- 2004 - 2005 Head of Hydrocarbon Energy, American-Iraqi Committee

AWARDS

- (2010) British Council. Certificate of Appreciation
- (2010) nadroJ fo yteicoS cifitneicS layoR. gniniarT etacifitreC
- (2010) Institute for Social and Economic Research and Policy, Columbia University, Certificate of Training on Quantitative Methods and Data Analysis
- (2009) UNESCO. Certificate of Participation, Training course on Analytical Framework of Higher Education to Establish a National Strategy for Iraq
- (2004) Women's Alliance for a Democratic Iraq (WAFDI). Certificate of Accomplishment, Washington, D.C.

CONTRACTS WITH THE GOVERNMENT (unpublished applied research)

- (2002) "Preparation and Production of Fixodine." (Metal Surface Cleaning and Polishing), (Know How) No. 050, Ministry of Industry and Minerals, State Company for Electrical Industries.
- (2002) "Preparation and Production of Grano-Toner 130 (Accelerator)." (Know How) No. 049, Ministry of Industry and Minerals, State Company for Electrical Industries.
- (2002) "Preparation and Production of Clean-Kote." (Know How) No. 047, Ministry of Industry and Minerals, Al-Basil General Company, State Battery Manufacturing Company, Baghdad.
- (2001) "Preparation and Production of 'Fixative' for Ceramic Bodies." (Know How) No. 028, Ministry of Industry and Minerals, State Company for Glass and Ceramic Industries.
- (2000) "Preparation and Production of Coating Paste for Silk Screen Printing on Glass Surfaces." No. BA235, Ministry of Industry and Minerals, State Company for Glass and Ceramic Industries.
- (2000) "Preparation and Production of Silk Screen Sensitizer." No. BA 234, Ministry of Industry and Minerals, State Company for Glass and Ceramic Industries.
- (2000) "Preparation of Barium Titanate as Piezoceramic Material." No. 007, Al-Basil General Company.
- (1998) "Preparation and Production of Special Cleaning Material for Printing Plates." No. BA 5/41, Al-Nahrain Center For Printing. Al-Basil General Company.
- (1997) "Physical Separation and Concentration of Ilmenite From Amaj Sand, Amaj Area: Iraqi Western Desert." No. BA 5/27, Al-Basil General Company.
- (1997) "Preparation and Production of Ceramic Ink for Spar Plugs." (Know How) No. BA 5/37, Al-Qadisia General Establishment for Electrical Industry.
- (1995) "Preparation and Production of Ceramic Colourants From Iraqi Raw Materials." (Know How) No. BA 017, Ministry of Industry and Minerals, State Company for Glass and Ceramic Industries.
- (1994) "Second Stage-Quality Control on Mineral Exploration, Iraqi Western Desert-Amaj Area." Geological Survey and Mining State Company, Al- Basil General Company.
- (1993) "First Stage-Quality Control on Mineral Exploration: Iraqi Western Desert-Hussainiyat Area." Geological Survey and Mining State Company, Al-Basil General Company.
- (1990) "Biofacies of the Mishrif Formation-Rumaila North Oilfield (Northern Part DS2

- and DS3 Sectors) Southern Iraq.” No 2 c29/16/-/104/ Rumaila North, Geology Department, Oil Exploration Company, Ministry of Oil.
- (1990) “Biofacies of the Mishrif Formation-Rumaila North Oilfield (Southern Part DS4and DS5 Sectors), Southern Iraq.” No 1 c29/16/-/104 Rumaila North, Geology Department, Oil Exploration Company, Ministry of Oil.
- (1989) “Biofacies of the Mishrif Formation-West-Qurna Oilfield, Southern Iraq.” No.2-14/-/104/West-Qurna, Geology Department, Oil Exploration Company, Ministry of Oil.
- (1987) “Sedimentology and Depositional Environments of the Mishrif Formation, Nasiryah Area, Well No.NS2.” No. 2/N-6/3/1, Geology Department, Oil Exploration Company, Ministry of Oil.
- (1987) “Sedimentology and Depositional Environments of the Mishrif Formation, Nasiryah Area, Well No. NS3.” No. 2/N-6/3/2, Geology Department, Oil Exploration Company, Ministry of Oil.
- (1987) Micropaleontological Study of the Mishrif formation and its applications in Paleoenvironmental Interpretation, Nasiryah Oilfield-Well-NS3.” No. 2/N- 6/3/3, Geology Department, Oil Exploration Company, Ministry of Oil.

CONTINUING EDUCATION PRESENTATIONS

- (1992) “Applied Petroleum Geology,” Applied Research Center, Iraq. December 21-23.
- (1991) “Recent Applications of Micropaleontology in Petroleum Reservoir. Applied Research Center, Iraq. September 28-30.
- (1988) “Geology of Carbonate Reservoir in Iraq.” Petroleum Research Center, Iraq. October 29-31.
- (1987) “Paleontology and Stratigraphy and their Geological Applications,” Petroleum Research Center in Cooperation with Geological Society, Iraq. April 25-29.

CONFERENCES AND WORKSHOPS

- (2010) “Regional Workshop on Self-Assessment, Key Performance Indicators to Quality Assurance and Development.” Sponsored by the British Council. Bahrain. March 1-4.
- (2010) “Training course in E-learning.” Sponsored by the Institute of International Education (IIE) in cooperation with the Royal Scientific Society of Jordan, Amman, Jordan. January 9-14.
- (2009) Conference on the Culture of Life.” Sponsored by the Ministry of Higher Education and Scientific Research, KRG, in cooperation with World’s Women for Life (WWFL), Erbil, Iraq. August 8-9.
- (2009) “Training in Teacher Education for Sustained Quality Education.” 2nd Steering Committee Meeting. Sponsored by UNESCO, Amman, Jordan. August 4-6.
- (2009) “Analytical Framework for the Analysis of Education Sector: Preparing a National Strategy for Education in Iraq.” Sponsored by UNESCO, the World Bank and UNICEF, Amman, Jordan. June 23-23.
- (2009) Workshop on the Formulation of the National Strategy for Education in Iraq, UNESCO Iraq Office: Amman, Jordan. March 16-18.
- (2008) “US-Islamic World Forum: Science and Technology Partnerships among Leaders.” Doha, Qatar. February 16-19.

- (2008) “Summer courses: The future of Iraq.” (20th Session) Geneva International Institute for Peace Research (GIPRI), Geneva, Switzerland. August 11-22.
- (2008) “Paris Conference on the Right to Education in Countries Crises Situations: Stop Jeopardizing the Future of Iraq at Risk.” Paris, France. October 30-November 1.
- (2008) “General Framework for Education Strategy in Iraq.” UNESCO, The World Bank and UNICEF, Amman, Jordan. October 11-13.
- (2008) “G8/BMENA Workshop on Quality Assurance and Enhancement and Strategic Mangement in Higher Education.” Department of Innovation and Skills, University of Liverpool and John Moores University, UK. February 28-29.
- (2008) “Science and Technology Leaders and Workshops.” US-Islamic World Forum, Doha, Qatar. February 16-19,
- (2007) “Iraqi Higher Education International Conference.” Erbil, Iraq. December 11-13,
- (2007) “Iraqi Higher Education in the Midst of the Insurgency.” Global Education Conference. Rose State College, Oklahoma City, Oklahoma, November 2.
- (2007) National Consortium for Continuous Improvement in Higher Education.” (NCCI) Regional Conference. University of Central Oklahoma, Edmond, Oklahoma. November 11-13.
- (2007) “Third Annual Forum on International Relations.” Viesta, Italy. June 27-29.
- (2007) “Second Conference of International Association of Contemporary Iraqi Studies.” Philadelphia University, Amman, Jordan. June 11-13.
- (2007) “Counsultation on the Succession of Bilateral Treaties between the Slovak Republic and the Republic of Iraq. Bratislava, Slovak Republic. May 26-27.
- (2007) “Consultation on Succession of Bilateral Treaties between the Czech Republic and the Republic of Iraq.” Prague, Czech Republic. May 23-24.
- (2006) “Twelfth Sloan-C International Conference on Asynchronous Learning Network. Orlando, Florida. November 8-10.
- (2006) “Iraqi E-Learning Orientation” Washington D.C. and San Francisco, June 19-28.
- (2006) “Technology Partnerships among Science and Technology Leaders.” US-Islamic World Forum. Doha, Qatar. February 18-20.
- (2005) “Tenth Conference of Arab Ministries for Higher Education.” Organized by the Arab Commision for Education, Culture and Sciences. Yemen, December 7-8.
- (2005) “UNESCO General Conference: 33rd Session. Paris, France. October 7-12.
- (2005) “Joint Iraqi-Omani Committee.” Seventh meeting: September 26-28.
- (2005) “International Conference on Short Term Professional Training in Higher Education: Perspectives and Realities in light of Technological Challenges and Globalization.” Sponsored by The International Center for Pedagogical Studies and UNESCO (Higher Education Division), World Bank, Ministry of Foreign Affairs, and the Ministry of Education in France. Paris, France. June 6-8.
- (2005) “Meeting with Pearson Education for Digital Learning.” Dubai. February 14-20.
- (2004) “Presidential workshop.” Amman, Jordan. Sponsored by Oklahoma University, USA. August 10-15.
- (2004) “Woman in Politics, Government Institutions and Civil Society.” Women's Alliance for a Demoeeratic Iraq, Washington, D.C. July 9-19.
- (2004) “Hydrocarbon Conference.” 1st meeting in Amman, Jordan: June 22-25; 2nd meeting in Amman, Jordan: October 10-18.
- (2002) “Twentieth Iraqi Chemists Conference.” Baghdad, Iraq. October 8.
- (2002) “First Conference of Chemistry Department,” College of Science, Al-Anbar University. June 5.
- (1999) “Second Conference of College of Science,” Baghdad University. 22-24/1999.
- (1996) “Tenth Iraqi Chemists Conference.” Baghdad, Iraq.

- (1996) "Bauxite Deposits in Western Desert, Iraq." Ministry of Industry and Minerals, Baghdad, Iraq. November 30-31.
- (1995) "G-Iraqi Ore Minerals, Western Desert." Industrial Cultural Center, Baghdad, Iraq.
- (1994) "Twelfth Iraqi Geological Conference." Baghdad, Iraq.
- (1988) "British Micropaleontological Society," London, UK. September 21-23.
- (1988) "Geology of Desert Environments." National Committee of Geological Correlation. Scientific Research Council and Geology Department, Baghdad University, Baghdad, Iraq. December 3-5..
- (1987) "Migration of Oil." Russian Petroleum Institute, Moscow, November 18-December 2.
- (1987) "Stratigraphy and Paleontology." Geology Department, College of Science, Baghdad University, Baghdad, Iraq. March 7-10.
- (1986) "Geodynamic Phenomena of Sedimentary Basins." Ministry of Oil, Iraq. November 20-26.

M.Sc. and Ph.D. Theses Supervision

- (2004) Treatment of Sulphuric Acid Contaminated Carbonate Rocks in Western Iraq. M.Sc. thesis. Civil Engineering Department, College of Engineering, Al-Nahrain University
- (2003) Sedimentary Facies and Reservoir Evaluation of Mishrif Formation, West Qurna and Rumaila North Oilfields, Southern Iraq. M.Sc. thesis. Geology Department, College of Science, Baghdad University
- (2002) Preparation of Opaque Glaze from Local Raw Materials. M.Sc. thesis. Geology Department, College of Science, Baghdad University
- (2001) Morpho-Sedimentary Study of Tigris River Meander at Al-Jadriya-Baghdad. M.Sc. thesis. Geology Department, College of Science, Baghdad University
- (2001) Sedimentological Study of the Maaddud Formation in Selected Bore holes from Several Oilfields in Central Iraq. Ph.D. thesis, Geology Department, College of Science, Baghdad University.
- (2001) Facies and Depositional Environments of the Mishrif Formation in Selected Oilfields, Southern Iraq. Ph.D. thesis. Geology Department, College of Science, Baghdad University
- (1999) Evaluation of Iraqi Ilmenite and the Possibility of Titanium Dioxide (TiO₂) Extraction from Selected Sand Units, Middle and Western Parts of Iraq. Ph.D. thesis. Geology Department, College of Science, Baghdad University

External Examiner to Evaluate M.Sc. and Ph.D. Theses

- (2004) Determination of Effective Porosity and Petrophysical Properties, Mishrif Formation in Halfaya Oilfield. M.Sc. thesis. Geology Department, College of Science, Baghdad University
- (2003) Foraminifera and Ostracoda at Cretaceous-Tertiary Boundary in Selected Sections of Northern Iraq. M.Sc. thesis. Geology Department, College of Science, Baghdad University
- (2002) Trace Elements Concentration in Selected Samples from Iraqi Crude Oil. M.Sc. thesis. Chemistry Department, College of Science, Al-Nahrain University
- (2002) Once Firing Ceramic Tiles Using Iraqi Raw Materials. M.Sc. thesis. Geology

- Department, College of Science, Baghdad University
- (2002) Preparation of Glaze and Colourants for Ceramic Bodies. M.Sc. thesis. Ceramic Department, College of Art, Baghdad University
- (1999) Stratigraphy, Paleonological Facies, Hydrocarbon Formation and Migration from East Baghdad Oilfield (Jurassic to Lower Cretaceous). Ph.D.thesis. Geology Department, College of Science, Baghdad University
- (1998) Rumaila Formation in East Baghdad Oilfield Biostratigraphy and Depositional Environment. M.Sc. thesis. Geology Department, College of Science, Baghdad University
- (1997) Middle Paleocene-Late Oligocene Biostratigraphy Formations from Central and Northern Iraq. Ph.D.thesis. Geology Department, College of Science, Baghdad University
- (1987) Biostratigraphy and Microfacies of Euphrates Limestone Formation in the Baled and Tikrit Areas. M.Sc. thesis. Geology Department, College of Science, Baghdad University