

**Name:** Maher Abdel Razzak Abu-Eid Natsheh  
**Date of Birth:** 25/1/1955  
**Place of Birth:** Jerusalem  
**Marital Status:** Married  
**Present Address:** An-Najah National University  
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#### **EDUCATION:**

B.Sc. In Chemistry, Cairo University on July 1976, (Distinction with honor).  
M.Sc. In Petrochemical and Hydrocarbon Chemistry, University of Manchester Institute of Science and Technology (UMIST), England, Awarded on Dec. 1980.  
Ph.D. In Physical and Polymer Chemistry from UMIST, England, Awarded on Dec. 1983.  
Thesis: Polymerization of 4-methylpentene-1- using highly active Ziegler-Natta Catalysts.

#### **POSITIONS:**

1998 - till now Vice President for academic Affairs  
1998 - till now Professor, An-Najah National University  
1994 – 1998 Dean of Faculty of Science, An-Najah National University  
1992 – 1994 Head of Chemistry Department, An-Najah National University.  
1989 – 1990 Visiting Professor, University of Georgia, USA.  
1989 - 1998 Associate Professor, An-Najah National University

1983 - 1989	Assistant Professor, An-Najah National University
1980 - 1981	Instructor at An-Najah National University
1978 - 1979	Lab Instructor at An-Najah National University
1976 - 1978	Lab Instructor, Bethlehem University, West Bank.

#### **HONORS AND AWARDS:**

1. Hijawi Prize for the best article in applied research, 2001
2. Hijawi Prize for the best article in applied research, 1999.
3. Royal Society/ UK. grant to conduct research at UMIST 1997.
4. DAAD grant to conduct research for two monthes in Germany. 1994.
5. Research grant from Amideast 1994.
6. Fulbright grant which has been selected by the Board of Foreign Scholarships under the Mutual Educational Exchange Act and sponsored by the United States Information Agency. Sept. 1989 - June 1990.
7. British Council Travel grant to Manchester. 1989.
8. Scholarship from An-Najah National University for Ph.D. studies.

#### **TEACHING EXPERIENCE:**

I taught the following courses in the chemistry department of An-Najah University: General Chemistry 101 and 102, Physical Chemistry 241 and 341, Practical Physical Chemistry 345 and 346 Analytical Chemistry 211, Instrumental methods of Chemical Analysis 311, Special topics in Physical chemistry 441, Physical pharmacy Kinetics and Catalysis (Graduate course) 584.

#### **RESEARCH INTERESTS:**

1. Preparation of highly active Ziegler-Natta Catalysts.
2. Kinetic studies of the polymerization of SYMBOL 97 f "Symbol"-olefins by using Ziegler-Natta Catalysts.

3. Synthesis and Characterization of some organo-silicon polymers in order to find new approaches for the fabrication of silicon carbide fibers.
4. Kinetic studies on the hydrolysis of some hydrazones.
5. The use of spectroscopic and electrochemical methods to detect nitrogen containing compounds, transition and rare earth elements.

#### **PARTICIPATION IN MEETING CONFERENCES AND WORKSHOPS:**

1. First Palestinian Chemical Conference, 1992, An-Najah N. University.
2. Second Palestinian Chemical Conference, 1994, Al-Quds University.
3. Leadership, Innovation, and Transformation, 14-19, 1996, Al-Quds University.
4. Workshop on the role of isotopes in studying the pollution of surface water, Ministry of energy - Jordan, 20/12/1996 - 1/1/1997.
5. Expert Group Meeting On Science and Technology., Politics and Strategies for twenty first Century. ESCWA, Beirut, 10-12 March 1999.
6. Fifth Meeting of the Executive Council of the Federation of the Universities of the Islamic World, Iran, 26-28 April, 2000.
  7. Sixth Meeting of the Executive Council of the Federation of the Universities of the Islamic World. Malaysia, March 2001.
  8. Mediterranean Universities Union (UNIMED) General Assembly, Algiers, 13 Dec. , 2003.
  9. Association of Arab Universities Aug. 2004. Amman Quality assurance and self evaluation workshop
  10. "Enhancement of Quality Assurance and Institutional Planning at Arab Universities" Workshop, UNDP Project–Amman 3 Dec.- 2003.
  11. Community of the Mediterranean Universities (CMU) –RME 1 meeting Oct, 2004 Foggia, Italy.
  12. CMU meeting in Lisbon, May 2004.
  13. CMU meeting in Turkey Izmir. 2006.
  14. Managing a competitive Univ. Seminar British Council, Manchester March 2006.

#### **Membership of Cultural, Edu. and Professional Societies:**

- 1- Palestinian chemical Society 1994 – till now.
- 2- CUM, executive committee member 2000 till now.
- 3- Promotion committee member, An-Najah Univ. 1998 till now.
- 4- Sabbatical committee member, An-Najah Univ. 1998 – till now .
- 5- Deans council member, An-Najah University 1994 till now.

#### **PUBLICATIONS:**

1. Abu-eid, M.; Davis, S. and tait, P.; Comparative Studies on Active Centre Determination in Ziegler-Natta Catalysis; Am. Chem. soc., Polymer division, 1983, 24(1), 114.
2. Tait, P. and Abu-Eid, M.; Transition Metal Alkyl Polymerization (Progress and Development); Actas. Simp. Iberoam Catal. 9th 1984, 182-193.
3. Tait, P., Abu-eid, and M. Enenmo, A.; Polymerization of 4-Methyl-pentene-1-with Magnesium-Chloride-Supported Catalysts; Am. Chem. Soc. Meeting, Chicago, USA, 1985, 309-321.
4. Zatar, N.; Abu-Zuhri, A.; Abu-Eid, M. And Mahmoud, F.; Some Arylidene-2-Pyridylhydrazone Derivatives as Reagents for Spectrophotometric Determination of Palladium (II); Analytical Letters; 1986, 19, (19,20), 1881.
5. Hilal, H.; Abu-Eid, M.; Al-Subu, M. and Khalaf, S.; Hydrosilylation Reactions Catalysed by Decacarbonyldimanganese (0); J. of Molecular Catalysis, 1987, 39, 1.
6. Abu-Zuhri, A.; Abu-Eid, M. and Shalabi, J.; Polarographic Behaviour of Salicylaldehyde-2-pyridylhydrazone and its Copper(II) complex Mikrochem. Acta. Acta.; 1987, 11, 153.
7. Abu-Eid, M.; The Role of Solvent on the Kinetics and Mechanism of the Hydrolysis of Salicylidene Benzoylhydrazone; An-Najah J. Res.; 1988, Sec. 11, Vol. 1, No.5 28.
8. Abu-Eid, M., Mahmoud, F., El-Nuri, M. and Abu-Zuhri, A.; Kinetic Studies of the Hydrolysis of Furfurylidene. Benzoylhydrazone; Mohatshefte fur chemie, 1989, 120, 323-328.
9. Abu-Eid, M. and Tait, P.; polymerization of Ethylene by the Silaned  $\text{SiO}_2\text{-Mg}(\text{iBu})_2\text{-TiCl}_4\text{-Al}(\text{iBu})_3$  Catalyst System. An-Najah J. Res., 1992, vol II, no. 7, 6.
10. Abu-Eid, M., Abu-Zuhri, A., Mahmoud, F. and Shraydeh, B., Kinetics and mechanism of the hydrolysis of benzylidene benzoylhydrazone derivatives, An-Najah J. Res.; 1989, Vol. 1, No. 6, 23.

11. Abu-Eid, M. King, R. P and Kotliar, A., Synthesis of Polysilane Polymer Precursors and their pyrolysis to Silicon Carbides., *European polymer journal*. 1992, Vol. 28, No. 3, 315.
12. Tait, P.; Abu-Eid, M., Polymerization of 4-Methylpentene-1-by using the MgCl<sub>2</sub>SYMBOL 124 f "Symbol"EBSYMBOL 124 f "Symbol"Al(iBu)<sub>3</sub> Catalyst System. (Kinetic investigation), *An-Najah J. Res.*, 1994, Vol II, No. 8, 7.
13. Tait, P.; Abu-eid, M., Polymerization of 4-Methylpentene-1-by using the MgCl<sub>2</sub>SYMBOL 124 f "Symbol"EBSYMBOL 124 f "Symbol"TiCl<sub>4</sub>SYMBOL 124 f "Symbol"Al(iBu)<sub>3</sub> Catalyst system.(Active centre determination). *An-Najah J. Res.*, VolII, No. 8, 1994, 24.
14. Zatar, N., Al-Nuri, M., Abu-eid, M., Hannoun, M., Abu-Zuhri, A., Khalaf, S. and Khamis, M., Spectrophotometric Determination of Cobalt with Di-Pyridyl-Ketone Benzoylhydrazone., *Spectro. Letters*. 1991, 24(9), 1145.
15. Abu-Eid, M., Abu-Zuhri, A.; Al-Nuri, M. and Mahmoud, F., Kinetics and Mechanism for the Hydrolysis of Heterocyclic Hydrazones, *J. Fac. Sci., U.A.E Univ.* 1992, 4.
16. Al-Nuri M., Abu-eid, M., Zatar, N., Khalaf, S. and Hannoun, M., Spectrophotometric Determination of Cobalt in Aqueous Solution using Di-pyridyl ketone Derivatives. *Analytica Chimica Acta*, 1992, 259, 175.
17. Abu-Eid, M.; Zatar, N., Al-Nuri, M., Khamis, M., and Khalaf, S., spectrophotometric Determination of Uranium in Ores using di-2-pyridyl ketone hydrazone derivatives, *Spectr. Letters*, 1992, 25(4), 585.
18. Abu-Eid, M., A new Method for the Preparation of Poly(silmethylene) as a precursor for Silicon Carbide Fibers, *An-Najah J. Res.*,1994, Vol II, No. 8, 83.
19. Abu-Eid, M.; Zatar, N.; Al-Nuri, M.; Khamis, M., Hannoun, M. and Khalaf, S.; Spectrophotometric Determination of Uranium with Di-2-Pyridyl Ketone Benzoylhydrazone; *An-Najah J. Res.*, 1994, Vol II, No. 8, 72.
20. Al-Nuri, M., Hannoun, M.; Zatar, N.; Abu-Eid, M.; Al-Jondi, W and Hussein, A.; Plumbagin, a naturally occurring naphthaquinone: Its Isolation, Spectrophotometric Determination in Roots, Stems and Leaves in *Plumbago Europeaa L.*; *Spectroscopy Letters*, 27(4), 1994, 409.

21. Shraydeh, B., Abu-Eid, M., Zatar, N., Abu Obeid, A., Khamis, M and Kanan, K., A Sensetive Catalytic Method for the Determination of copper by its catalytic Effect on the Potassium Bromate Indigo Carmine Reaction., *Instrumentation Science and Technology*, 1994, 22(4), 355.
22. Shraydeh B.F., Abu-Eid M. and Abu-Ghulwah N Preferential Solvation of Fe(phen)<sub>2</sub>(CN)<sub>2</sub> in Binary Aqueous Acetone and 2-Methoxyethanol Mixtures, *Monatshefte fur Chemie*, 1995, 126, 631-635.
23. Shraydeh B.F., Abu-Eid M., Zatar A. N., Shakhshier I., and Khamis M. A Catalytic Method For The Determination of Trace Amounts of Mercury Uptaken by Broad Beans Plants., *Main Group Metal Chemistry*, 1996, Vol. 19, No. 2.
24. M. Al-Nuri, N. Zatar, M. Abu-Eid, M. Hannoun, W. Al Jondi, A. Hussein and M. Shtayeh, Emodin, A Naturally Occuring Anthraquinone, *Spectroscopy Letters*, 1996, 29(8), 1539.
25. Zatar, N.; Abu-Eid, M. and Eid, A. Spectrophotometric Determination of Nitrite and Nitrate using Phosphomolybenum Blue Complex., *Talanta*, 1999, 50, 819
26. Workshop on "the reform of didactic systems in the Mediterranean University" \_ Catania, October 27<sup>th</sup> , 2007.

#### **Refereed international conferences Proceeding:**

1. Tait, P. and Abu-Eid, M.; Transition Metal Alkyl Polymerization (Progress and Development); *Actas. Simp. Iberoam Catal. 9th 1984*, 182-193.  
Soc. Meeting, Chicago, USA, 1985, 309-321.

#### **Refereed Local Journals :**

1. Abu-Eid, M.; The Role of Solvent on the Kinetics and Mechanism of the Hydrolysis of Salicylidene Benzoylhydrazone; *An-Najah J. Res.*; 1988, Sec. 11, Vol. 1, No.5 28.
2. Abu-Eid, M. and Tait, P.; polymerization of Ethylene by the Silaned SiO<sub>2</sub>-Mg(iBu)<sub>2</sub>-TiCl<sub>4</sub>-Al(iBu)<sub>3</sub> Catalyst System. *An-Najah J. Res.*, 1992, vol II, no. 7, 6.
3. Abu-Eid, M., Abu-Zuhri, A., Mahmoud, F. and Shraydeh, B., Kinetics and mechanism of the hydrolysis of benzylidene benzoylhydrazone derivatives, *An-Najah J. Res.*; 1989, Vol. 1, No. 6, 23.

4. Tait, P.; Abu-Eid, M., Polymerization of 4-Methylpentene-1-by using the  $MgCl_2$ /"Symbol"EBSYMBOL 124 f "Symbol"Al(iBu)<sub>3</sub> Catalyst System. (Kinetic investigation), An-Najah J. Res., 1994, Vol II, No. 8, 7.
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6. Abu-Eid, M.; Zatar, N.; Al-Nuri, M.; Khamis, M., Hannoun, M. and Khalaf, S.; Spectrophotometric Determination of Uranium with Di-2-Pyridyl Ketone Benzoylhydrazone; An-Najah J. Res., 1994, Vol II, No. 8, 72
7. Abu-Eid, M., A new Method for the Preparation of Poly(silmethylene) as a precursor for Silicon Carbide Fibers, An-Najah J. Res.,1994, Vol II, No. 8, 83.

#### Refereed International Journals:

1. Abu-Eid, M.; Davis, S. and tait, P.; Comparative Studies on Active Centre Determination in Ziegler-Natta Catalysis; Am. Chem. soc., Polymer division, 1983, 24(1), 114.
2. Zatar, N.; Abu-Zuhri, A.; Abu-Eid, M. And Mahmoud, F.; Some Arylidene-2-Pyridylhydrazone Derivatives as Reagents for Spectrophotometric Determination of Palladium (II); Analytical Letters; 1986, 19, (19,20), 1881.
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7. Zatar, N., Al-Nuri, M., Abu-Eid, M., Hannoun, M., Abu-Zuhri, A., Khalaf, S. and Khamis, M., Spectrophotometric Determination of Cobalt with Di-Pyridyl-Ketone Benzoylhydrazone., Spectro. Letters. 1991, 24(9), 1145.

8. Abu-Eid, M., Abu-Zuhri, A.; Al-Nuri, M. and Mahmoud, F., Kinetics and Mechanism for the Hydrolysis of Heterocyclic Hydrazones, J. Fac. Sci., U.A.E Univ. 1992, 4.
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14. Shraydeh B.F., Abu-Eid M., Zatar A. N., Shakhshier I., and Khamis M. A Catalytic Method For The Determination of Trace Amounts of Mercury Uptaken by Broad Beans Plants., *Main Group Metal Chemistry*, 1996, Vol. 19, No. 2.
15. M. Al-Nuri, N. Zatar, M. Abu-Eid, M. Hannoun, W. Al Jondi, A. Hussein and M. Shtayeh, Emodin, A Naturally Occuring Anthraquinone, *Spectroscopy Letters*, 1996, 29(8), 1539
16. Zatar, N.; Abu-Eid, M. and Eid, A. Spectrophotometric Determination of Nitrite and Nitrate using Phosphomolybenum Blue Complex., *Talanta*, 1999, 50, 819.
17. Warad, I, Abu-Eid, M., and Sharydeh, B., Kinetics and mechanism of oxidation of L-cysteine by Ferrozine iron III complex in aqueous acids medium, *J. Saudi Chem. Soci.*, 2006 Vol. 10, No.2 271-284, Saudia Arabia, English.