CV of Prof. Dr. Kamal Ibrahim Aly





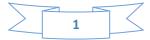
(Last update: 2018, May ^{3th})

Personal Data

Name	Kamal Ibrahim Aly.
Permanent Job	Professor of Polymer Chemistry.
Work address	Polymer Research Laboratory, Chemistry Department, Faculty of Science, Assiut University, Assiut 71516, Egypt.
Homepage	http://www.aun.edu.eg/arabic/membercv.php?M_ID=304
Home address	Alguich Street, Alsharque Lltameen Towers, Tower C, Tenth Floor, Assiut, EGYPT.
Nationality	Egyptian.
Date of birth	January 4 th , 1961.
Phone number	Office Tel: +20 882412375
	Office Fax: +20 88-2080209
	Home Tel: +20 882367100
	Cell: +2 01097340953
E-mail address	kamalaly@yahoo.com
	kamalaly@aun.edu.eg
Marital Status:	Married
Number of Children:	Three

Job & Academic Development

No.	Date	Position				
7	September	Head of Chemistry Department, Professor of Chemistry Department, Faculty of				
1	September	Head of Chemistry Department, Professor of Chemistry Department, Faculty of				



	2013	Science, Assiut University, Assiut 71516, Egypt.
	~	http://www.aun.edu.eg/arabic/membercv.php?M_ID=304
	Current	
6	Dec. 2009 Dec. 2010.	<i>Visiting Professor</i> at Kansas Polymer Research Center, Pittstate University, United State of America.
5	Oct. 2000	Professor: (permanent job) Chemistry Department, Faculty of Science, Assiut
	~	University, Assiut 71516, Egypt.
	Current	
		http://www.aun.edu.eg/arabic/membercv.php?M_ID=304
4	March,	Assistant Professor: (permanent job) Chemistry Department, Faculty of Science,
	1990~	Assiut University, Assiut 71516, Egypt.
	March. 1995	
		http://www.aun.edu.eg/arabic/membercv.php?M_ID=304
3	March,	Lecturer, permanent job) Chemistry Department, Faculty of Science, Assiut
	1990~	University, Assiut 71516, Egypt.
	March. 1995	
2	May 1987~	Assistant Lecturer: Chemistry Department, Faculty of Science, Assiut University,
	March. 1990	Assiut 71516, Egypt.
		<i>Demonstrator</i> , Chemistry Department, Faculty of Science, Assiut University,
1	Dec.,1982,	
	May 1987	Assiut 71516, Egypt.

Scientific Degrees

	Degree	Degree Specification
3	PhD May. 1987 ~ March. 1990	Doctoral Degree in Science.Area of Specialty: Polymer Chemistry.Thesis Title: Synthesis and Characterization of some New Polymers based on Diarylidene cycloalkanones .Donor: Chemistry Department, Faculty of Science, Assiut University, Assiut 71516, Egypt.Academic Supervisor: Prof. Dr. Ahmed T Hamam and Prof Dr Muhamed A Abdallaha
2	M. Sc. Oct. 1983 ~ May 1987	Master of Science. <u>Area of Specialty:</u> Organic Chemistry. <u>Thesis Title:</u>



No.	Degree	Degree Specification
		Donor: Chemistry Department, Faculty of Science, Assiut University, Egypt.
		Academic Supervisor: Prof. Dr. Ahmed S. Hammam.
	Pre-Master	Area of Specialty: Advanced Organic Chemistry.
	Courses	Donor: Chemistry Department, Faculty of Science, Assiut University, Egypt.
		Studied Courses:
	Oct. 1983	Advanced Stereochemistry and Photochemistry.
		Advanced Organic Chemistry.
	~ Oct.1984	Advanced Synthetic Organic Chemistry.
		Practical Course (Organic Synthesis).
		Analytical Organic Chemistry (Spectroscopy & Chromatography).
		Special Course (Chemistry of Quinones).
1	B. Sc.	Bachelor of Science
		Area of Specialty: Chemistry.
	Sep. 1978	Donor: Chemistry Department, Faculty of Science, Assiut University, Egypt.
	~ July 1982	General Estimate: Very good with honor (79.5%), the 2 rd among 39 students.

Membership of Chemical Societies

No.	Date	Society
6	1987 - now	The Arab Society of Material Science.
5	1990 -now	Egyptian Society for Polymer Science & Technology (ESPST).
4	2013 - now	The Egyptian Society of Chemistry.
3	1990 -now	The Society of Crystallography.
2	1990 -now	Membership in Who's Who in Science and Engineering
1	1990 -now	American Chemical Society (ACS).

Scholarships & Fellowships

No.	Date	Scholarship / Fellowship
		3

No.	Date	Scholarship / Fellowship
6	July 2015 ~August 2015	STDF-project (GERF call 3) cooperation with Germany, Visiting Professor at Department of Macromolecular Chemistry, University of Paderborn, Germany.
5	July. 2012 ~ Sept. 2012	Post-Doctor Fellowship (Visiting Professor). DAAD Fellowship at Department of Macromolecular Chemistry, University of Paderborn, Germany.
4	Dec. 2009 ~Dec 2010.	Post-Doctor Fellowship (Visiting Professor). Visiting Professor at Kansas Polymer Research Center, Pittstate University, United State of America.
3	July. 2008 ~ Sept. 2008	Post-Doctor Fellowship (Visiting Professor). DAAD Fellowship at Department of Macromolecular Chemistry, University of Saarland, Germany.
2	July. 2004 ~ Sept. 2004	Post-Doctor Fellowship (Visiting Professor). DAAD Fellowship, at Department of Polymer Physics, University of Kaiseslautern, Germany.
1	May. 2001 ~Sep. 2002	Post-Doctor Fellowship (Visiting Professor). DAAD Fellowship at University of Karlsruhe, Germany, from first May to September 30, 2002.

Awards

No.	Date	Award
5	2013-2015	Member of the Promotion Committee of the Professors and Assistance Professors (Organic Chemistry, 2013-2015), the 11th Circle.
4	March	The Best research in Chemistry, from Assiut University.
	2003	Assiut University, Assiut , Egypt.
3	November	Abdul-Hamid Shoman Prize for the young Arab Scientists in Chemistry, 1999.
	1999	Abdul-Hamid Shoman Foundation- Jordan
2	May, 1999	Prize of Professor Solliman Hozien. Assiut University, Assiut , Egypt.
1	May, 1999	The Best research in Chemistry, from Assiut University.

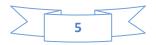
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No.	Date		Award
			Assiut University, Assiut , Egypt.
			Research Interest
	No.		Area
	1	Synthe	esis, characterization and application of various types of organic polymers.
	2	Liquid	crystalline properties of polymers.
	3	Condu	icting Polymers.
	4	New p	hotorefractive polymers and glassy chromophore monomers.
	5	Corros	sion Inhibition behaviors of organic polymers.
	6	Natura High New M Novel ozono	al fiber reinforced Polymer composites performance / conventional composites Monomers and Polymers from Vegetable Oils by Metathesis. Monomers and Polymers from Vegetable Oils by selective hydrogenation and lysis. newable Thermoset Polymers.

Research Experiences

No.	Area
1	Good theoretical background in Chemistry "Organic and Polymer Chemistry".
2	X-ray diffraction (XRD & WAX) using the powder technique.
3	FT-IR Spectra, NMR (1H,13C) Spectra, Mass Spectra and UV Spectrophotometry.
4	Gas Chromatography GC and GC/MS.
5	Gel Permeation Chromatography (GPC).
6	Mechanical Properties (hardness, tensile, flexural, impact)
7	Ultra-violet curing processes (rate of curing, energy of curing).
8	Dimensional stability and thickness swelling properties
9	Optical Polarizing Microscopy (OPM).
10	Selective Hydrogenation and co-metathesis of oils.



Further Experiences:

No.	Teaching Experiences
	Undergraduate Courses
1	C 210 Organic Chemistry
2	C 211 Organic Chemistry for Non-Chemistry Students.
3	C 212 Organic Chemistry (2) Aromatic Compounds – Heterocyclic Compounds. (Practical : Selected practical experiments).
4	C 214 Environmental and Green Organic Chemistry Agrochemistry – Environmental Organic Chemistry – Green Chemistry. C 311 Stereochemistry and Spectroscopy 6. C 312 Biochemistry and Natural products
5	C 314 Advanced Organic Synthesis. C366 Heterocyclic Chemistry. C400 Research Project \ Article. C 412 Applied Organic Chemistry Dyes and Textiles
6	Material Science and Polymers . (Practical: Dyes and Textile, Polymers). C 413 Chemistry of Biomolecules.
7	C 451 Chemistry of Petroleum and Petrochemicals
8	C 453 Industrial Chemistry.

Further Experiences:

No.	Teaching Experiences Post graduate Courses
1	Polymer Chemistry for Diploma and M.SC Students
2	Industrial Organic Chemistry For Diploma and M.SC. Students.
3	Applied Chemistry For Diploma and M.SC. Students.

Further Experiences:

Computer Experiences:

1 Professional computer user in teaching and research.

No.



No.

Computer Experiences:

- 2 Self learning from the long use of the computer.
- 3 Academic computer course in designing power point presentation
- 4 Excellent experiences in the programming with computers software's as Hyper
- 5 Chem 3D, Isis Draw, Chem Draw, Chem Sketch, Origin Draw and Photoshop.
- 6 Excellent experience with all Windows XP, Windows 7, Vista programs and all MS windows family.

Supervision of Theses and dissertations

No.	Name	Title of Thesis	Date		
1	Mahmoud A Hussien (M. Sc)	19 January 1998 to 30 November 2003.			
2	Ayman M. Elsawy (M. Sc)	Studies of the electrochemical reduction of some cycloalkanone compounds	19 October 1998 to 25 December 2005		
3	Marwa M Sayed, (M.Sc) ,	Synthesis and properties of some new liquid crystalline polymers based on syclohexanone derivatives.	16 November, 2006 to		
4	Zenab H H Bakr, (M.Sc)	Structural and physical properties of some nanoparticles and nanocomposites.	18 November 2007,		
5	Ismail A Alkeskas, (PhD.), Synthesis and characterization of some new polymers based on diarylidene derivatives.	24 January 2000 to 29 June 2003		
6	Mona A.Abdulrahman, (PhD),	Synthetic studies on some new polymers based on diarylidenecyclopentanones	17 December 2001 to 22 July 2006.		
7	Mahmoud A Hussien (MSc) and (PhD),	Synthesis, characterization and application of some new polymers, containing different heterocycles ether and/or diarylidenecycloalkanones moieties.	19 January 1998 to 30 November 2003.		
8	Aml Hassan Tolba, (M.Sc	Synthesis , characterization and application of some new polymers.			
9	Mona Maknoun, (PhD),	Synthesis , characterization and application of some hyper branched polyesters.			



No.	Name	Name Title of Thesis	
10	Ahmed Ramadan (M. Sc)	Synthesis , characterization and application of some new polymers.	
11	Sahar Ahmed (M. Sc)	Synthesis , characterization and application of some new polymers.	
12	Momen Sayed (MSc) .	Synthesis , characterization of some new copolyesters	
13	Nasr Mahmoud (PhD),	Synthesis , characterization of some new copolyesters.	
14	Abdulslam Mahdy	Synthesis , characterization of some new polymers	
15	Sherry Shenouda Synthesis , characterization of some new polymers		
16	Shimaa Mostafa Synthesis , characterization of some new polymers		

No. * Other Creative Activities:

- 1 The participation in teaching the students (undergraduates and postgrauate) ,the courses of different branches in chemistry courses in faculty of Medicine, faculty of Pharmacy, faculty of Agriculture , Education, and Science.
- 2 Referee in Committee for Promotion of staff members (Organic Chemistry)
- 3 Peer reviewer of the following Journals:
 - i. High Performance Polymers (UK).
 - ii. RSC Advances Materials
 - iii. Polymers (Journal UK).
 - iv. European Polymer Journal (UK).
 - v. Journal of Applied Polymer Science (USA).
 - vi. Journal of Macromolecular Science A Chemistry (USA).
 - vii. Arabian Journal of Chemistry (Elsevier Publisher).
 - viii. Journal of polymer science
 - ix. Polymer

	Supervisor on Scientific Trips for B. Sc. Students (Years: 1987, 1989, 1990, 1992, 1997, 1998, 2000,	
4	2001, 2006).	

5 Supervisor of student committees in Faculty of Science, Assiut University.

6 Membership in the committee of Environment in Faculty of Science, Assiut University.

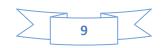
Chairman of Chemistry Department, Faculty of Science, Assiut University.

Projects



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No.	Date	Title	Budget
1	Sep.2004 ~Aug.2006)	Enhancement and Development of organic Chemistry Teaching Program for the Bachelor Degree of Science (Chemistry Major) (EDOCTEP). Web site: http://www.aun.edu.eg/fac_sci/proj/edoctep/index.htm.	HEEPF, Higher Education Enhancement Projects 2nd cycle B-048-10
2	1990	Extraction of Glycerol from Molasses of Sugar Can (project no. 4.) Sugar Company (Elhwamdea, Egypt).	Elhwamdeya Sugar Company, Egypt.
3	Jan.2008 – Oct.2010)	Faculty of Science Development Project (FASCDP). : http://sci.aun.edu.eg/proj/fascdp/index.htm	Universities Development Funding Project (UDFP), Education development .
4	(Assiut ↓ University, Egypt, Jan.2008 – Jul.2010)	Construction of Material and Nano-Science Research Center (MNSRC). (As subproject from (FASCDP) (Activity no. 4.1) http://sci.aun.edu.eg/proj/fascdp/index.htm.	Universities Development Funding Project (UDFP), Education development Fund.
5	December2009 –December 2010) State University, Pittsburg, 66762, Kansas USA,	: NEW POLYMERS FROM VEGETABLE OIL MONOMERS GENERATED BY METATHESIS Polymer Research Center .comhttp://www.Kansas	Kansas Polymer Research center, Pittsburg State University, Pittsburg, 66762, Kansas USA,
6	May.2012 – April.2015)	P.I. of project entitle Novel Bio-renewable Polymers from Vegetable oils.	Science Technology and Development Fund (STDF). Web site: www.stdf.org.eg
7	August, 2014 – July.2016)	P.I. of project entitle: Novel Bio-renewable Hyper- branched Polyesters and Nano-composites from Vegetable oils for Eco-friendly Applications. (PENAVO) (Assiut University, Egypt and Paderborn University, Germany,	Budget: Science Technology and Development Fund (STDF). Web site: www.stdf.org.eg.
8	2015	Multidisciplinary Research Centre of Excellence (MRCE) At Assiut University.	Ministry of Higher Education

Conferences & Workshops

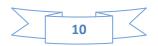


Seminar:

The participation in the scientific Seminar in the Chemistry Department, Assiut University.

International Conferences

- 1. Ibn Sina Intern. Conference. In Heterocyclic, Alexandria University, 25-28 December 2001.
- 2. The Higher Scientific Studies Conference, Assiut University, 24-28- April 2001.
- 3. The Second Spring School in Material Science, Assiut University 24-28 April 2000.
- 4. The Second International Conference in Photochemistry, Ain Shams University, 1-4 April 2001.
- 5. 6th International Conference in Chemistry and Its Applications, Mansoura University 17-20 April 2001.
- 6. 8th Ibn Sina Intern. Conference. In Heterocyclic, Assiut University, The second Intern. Conference in Material Science, Alexandria University 19-23 March 1990.
- 3rd Ibn Sina Intern. Conference In Heterocyclic , Assiut University. (Aswan) 28-31 January 1991.
- 8. 1st International Conference In Polymer Science and Technology, Mansoura Univ. 24-26 September 1991.
- 9. 3rd Intern Conference in Material Science Alexandria University 26-30 September 1992.
- 10. 1st Intern conference in Applied Chemistry, Cairo, 11-15, February 1997.
- 11. 6th Ibn Sina Intern. Conference. In Heterocyclic, Ain Shams Univer. , 3-6 December 1997.
- 12. 1st International Conference in Pharmaceutical Science, Assiut University, 4-5, March 1998.
- 1st International Conference in Material Science, King Soud University, Saudi Arabian, 29-November to 1- December 1998.
- 14. 5th International Conference in Chemistry and Its Applications , Mansoura University 19-22 April 1999.
- 15. The First Spring School in Material Science, Assiut University 24-28 April 1999.
- 16. The first International Conference in New Direction in Chemistry, Beni Sweef, Cairo University, 27-29 December 1999.
- 17. The first International Symposium in Crystallography and its Applications, Ismaillia , 23-27 January, 2000.
- 18. 2nd International Conference in Pharmaceutical Science, Assiut University, 8-9, March 2001.
- 19. 7th International Conference in Hetero cyclic Chemistry, Luxor 16-20 February 2002
- 20. 3nd International Conference in Pharmaceutical Science, Assiut University, 5-6, March 2001.
- 21. Workshop in Crystallography and Its Uses in Design of Drugs. Ain Shams University, 28 January 2003.
- 22. 7th International Conference in Chemistry and Its Applications, Mansoura University, Sharm Elsheek 14-17 April 2003.
- 23. The Second Saudi Science Conference "New Trends for Colleges of Science in Saudi Arabia : Recent Aspects of Applied Research" From 15th-17th March 2004.
- 24. 8th Arab International Conference on Polymer Science & Technology, 27-30 November, 2005 Cairo-Sharm El-Shiekh, Egypt.
- 25. 1st International Conference in Biochemistry, 21-23 December, Assiut University Egypt.
- 26. 8th International Conference in Pharmaceutical Science, Assiut University, 7-8 March, 2006.
- 27. The Third International Conference for Development and Environment in the Arab World, Assiut University, 21-23 March 2006.
- 28. PCR Principles & Applications , Assiut University, 5-7 March , 2007.
- 29. 10th Ibn Sina international conference on pure and applied heterocyclic chemistry. 17-20, February, 2007.



- 30. The second conference on chemistry, makha almokharama- april, 14-16 2007.
- 31. 9th Arab International Conference on Polymer Science & Technology, 18-22 November 2007, 10th Ramadan City, Hurghada, EGYPT.
- 32. Taibah International Chemistry Conference-2009, March 23-25, 2009.
- 33. 45th Midwest Regional Meeting ACS, October, 27-29 2010, Wichita , Kansas, USA.
- 34. Chairman of Chemistry Session at The Third Conference for Young Researchers, Basic Science& Technology, Assiut University, 19-20 April 2011.
- 35. 25th National Chemistry Congress with International Participation, 26-June to 02-July 2011- ERZURUM- TURKIYE.
- 36. Chairman of Chemistry Session at The Third Conference for Young Researchers, Basic Science& Technology, Assiut University, 29-30 April 2014.
- International Conference on Materials and Applications for Sensors and Transducers, 8-11 June, 2014, Bilbao, Spain.
- 26th International Symposium on Organic Chemistry of Sulfur. ISOCS-26 24-29 August, 2014, Istanbul, TURKEY. <u>www.isocs-26.org</u>.
- 39. 13th IBN SINA International Conference on Pure and Applied Heterocyclic Chemistry Heterocyclic Chemistry for Sustainable Future, Sohag University, 14-17 April, 2015.
- 40. International Conference on Chemical Sciences & Applications 6-9 Aug 2016, Alexandria, Egypt.
- 41. Chairman of Chemistry Session at The Fourth Conference for Young Researchers, Basic Science& Technology, Assiut University, 29-31 October, 2016.
- 42. International Conference in Recent Trends in Chemistry, ICRTC 25-28 April, 2017, Hurghada, EGYPT.
- 9th Trans Mediterranean Colloquium on Heterocyclic Chemistry TRAMECH IX , November, 22-25, Fes-Morroco.
- 44. The second International Conference on Multidisciplinary Research (ICMR), Caribbean World Soma Bay, Red Sea, 27-30 January, 2018, Hurghada, EGYPT.
- 45. IBN SINA ARAB Conference on Heterocyclic Chemistry and its Application , March, 30 April,2, 2018 , Hurghada, EGYPT.
- 46. 9th International Conference in Environmental and Development in Arab Countries , 15-17-April 2018 Assiut University , (Chairman of Session).

