



Wael MY Mohamed

MSc, MD, PhD

Current Position: Sabbatical leave

Assistant Professor, Basic Medical Science Dept., Medical School, International Islamic University Malaysia, Kuantan Campus, Pahang, Malaysia.

Publications Summary:

- Google Scholar Author Profile: http://scholar.google.com/citations?user=k_pyokIAAAAJ
- Authorship summary

[Scopus Author ID: 35484732100](#)

[Researcher ID: H-3195-2014](#)

[Loop profile: 173126](#)

h-Index: 8

Total Citations: 185



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EDUCATION AND TRAINING

Academic

<u>Year</u>	<u>Degree</u>	<u>Discipline</u>	<u>Institution/Location</u>
2012-Present	D.P.N.P.	Clinical Neuropsychiatry	Menoufia Medical School, EGYPT
2006 - 2011	Ph.D.	Neuroscience	The Pennsylvania State University, USA

Dissertation Title : Neurobehavioral Sequelae of Early Iron Deficiency in Rats. ([Link](#))

2003 - 2006	M.Sc.	Psychopharmacology	Menoufia Medical School, EGYPT
1996	M.D.	Medicine/Surgery	Menoufia Medical School, EGYPT

Clinical Training

<u>Year</u>	<u>Discipline</u>	<u>Institution/Location</u>
1998 - 1999	General Practitioner	Health Ministry, EGYPT
1996 -1998	Internship (H.O) (Neurosurgery Practicum)	Menoufia University Hospital, EGYPT

PROFESSIONAL POSITIONS HELD

2015-present	Assistant Professor (Basic Medical Science, Medical school) (<i>Sabbatical Leave</i>)	International Islamic University Malaysia (IIUM), Kuantan, Malaysia
2015 -Summer	Visiting Scholar (Neural and Behavioral Sciences Dept.)	Hershey Medical School, PSU USA
2014-Summer	Visiting Scholar (Psychology Dept.)	East Tennessee State University (ETSU) USA
2012-2014	Visiting Assistant Professor (Biopsychology)	American University in Cairo (AUC)
2011-present	Lecturer (Neuroscience/ Psychopharmacology)	Menoufia Medical School, Egypt
2006-2011	Research Fellow (Neuroscience)	The Pennsylvania State University, USA
2003-2011	Assistant Lecturer (Psychopharmacology)	Menoufia Medical School, EGYPT
1999-2003	Instructor (Psychopharmacology)	Menoufia Medical School, EGYPT

PROFESSIONAL AFFILIATIONS

Clinical

2012-present	American Psychological Association (APA) - <i>International Liaison</i>
2010-present	National Academy of Neuropsychology (NAN) – <i>Professional membership</i>
2009-present	American Neuropsychiatric Association (ANPA)
2009-present	American Academy of Neurology (AAN)
2006-present	Cognitive Neuroscience Society (CNS)
2006-present	Islamic Medical Association of North America (IMANA) – <i>Life Member</i>
2013-present	The International Congress of Neuropsychopharmacology (CINP)

Basic Neuroscience

2016-present	Society for Arab Neuroscientists (SfAN)-Secretary General
2016-present	Middle East Molecular Biology Sources (MEMBS)- General Scientific Committee
2015-present	Malaysian Society for Neuroscience (MSN)
2008-present	The Society for Neuroscience (SfN)- <i>Regular member</i>
2006-present	Safety Pharmacology Society (SPS)
2006-present	American Society for Pharmacology and Experimental Therapeutics (ASPET)- <i>Regular</i>
2010-present	American College of Clinical Pharmacology (ACCP)

2006-present International Society for Developmental Neuroscience (**ISDN**)

PROFESSIONAL COMMITTEES

2019-present	Member (IIUM-SUD)	Substance Use Disorder Research Group
2018-2021	GMC member	SfN Global Membership Committee
2014-2017	North African Liaison	SONA (Society for African Neuroscientists)
2016-2018	School Initiative Committee	ISN (International Society of Neurochemistry)
2012-present	Education and Development Committee	World Parkinson's Education Program
2012-2014	Membership Committee	National Academy of Neuropsychology (NAN)
2012-present	Active Member	TReND
2012-present	Active Member	Task force on Indigenous Psychology
2012-present	Research member	Global Research Team of the Human Dignity and Humiliation Studies network (HumanDHS)
2011-2013	College Committee	Attention Deficit Disorder Association (ADDA)
2011-present	Student Organization	International Neuropsychological Society (SINS)
2010-2015	Education Committee	American College of Clinical Pharmacology (ACCP)
2010-2012	2012 Annual Meeting Program Committee	American College of Clinical Pharmacology (ACCP)
2010-2015	Student Outreach Committee (SOC)	American College of Clinical Pharmacology (ACCP)
2009-present	Education Committee	Islamic Medical Association of North America (IMANA)

EDITORIAL/REVIEW EXPERIENCE

2018-present	Academic Editor	PLOS-ONE
2018-present	Academic Editor	Scientific Reports-Nature
2018-present	Editorial Board	Neuroscience Research Notes
2016-present	Review Editor	Frontiers in Neurology-Neurotrauma section
		Frontiers in Systems Biology
2016-present	Guest Associate Editor	Frontiers in Neuroscience-Neurodegeneration
		System Biology
2018-present	Frontiers Topic Editor	Biomarkers in Neurology
2018-Present	Frontiers Topic Editor	Contribution of Translational Animal Models to the Systems Biology of Neurodegenerative
2014-present	Editorial Board	Annals of Neuroscience
2014-present	Editorial Board	Applied & Translational Genomics (ATG)

GRANT REVIEW EXPERIENCE

2019-present	Reviewer/Evaluator	Obra Social “La Caixa”
2012-2018	Reviewer Expert	ERASMUS MUNDUS Assist the Education, Audiovisual and Culture Executive Agency in the framework of the management of the Community programs in the fields of education, audiovisual, culture, youth and citizenship
2012-2018	Reviewer Expert	TEMPUS PROGRAM Education, Audiovisual and Culture Executive Agency

SCIENCE DIPLOMACY/ADVOCACY

SfN Capitol Hill Day 2019
SfN Neuronline Community leader

7 March 2019. Washington DC, USA
October 2018-Current

PROFESSIONAL DEVELOPMENT

Date	Description	C.E. Units/Hours
January-2011	Overcoming Clinical Challenges in Parkinson's Disease: Applying Research to Practice	1 / 3
December-2010	Care of the Patient with ALS: Evidence-Based Guidelines for Your Practice	1
November-2010	Bipolar Disorder: The Complexities of Assessment	1
April-2010	NIH State of the Science Conference: Preventing Alzheimer's Disease and Cognitive Decline. NIH Natcher Center, Bethesda, Maryland, USA	1
Fall-2009	Clinical Psychological Assessment	3 / 30
Spring-2010	Neuropsychological Assessment	3 /30
Spring-2010	Multicultural Perspective in Clinical Psychology	3 / 30

SUBJECTS TAUGHT

TAUGHT COURSES	First degree	Postgraduate-Basic	Postgraduate-Clinical
Biopsychology (PSYC380)	✓		
Introduction to psychology (PSYC201)	✓		
BIOL 104 (Introduction to Biology: the Unity of life)	✓		
BIOT590: Neurobiology for graduate students		✓	
General pharmacology		✓	✓
Neuroscience		✓	✓
Neuroethics: ethical, legal, social & religious implications		✓	✓
Clinical Psychopharmacology			✓
Physiological psychology			✓
BIOL lab	✓		
PBL		✓	✓
Case Scenarios		✓	✓
Pharma-Lab Simulation	✓		
Bench side techniques		✓	

STUDENT MENTORING

- Medical undergraduate student mentoring – International Islamic University Malaysia, Malaysia
- Fast Start Mentoring Program: PSU, 2010
- International Peer Mentor Program, PSU, 2009: Mentoring international graduate students.
- Peer Mentor during SfN Annual Meeting, Chicago, USA (October- 2009).
- Mentoring a group of 5 undergraduate students through the "Research Experience for Undergraduates" program funded by *The National Science Foundation: Penn State Upward Bound Math and Science (UBMS) Program*. Heavy metals and human brain (Summer-2008).

NUMBER OF POSTGRADUATE STUDENTS SUPERVISION

Program	Status	As main supervisor	As co-supervisor
PhD	Graduated	1	1
	Ongoing	1	-

Master	Graduated	1	3
	Ongoing		1

- Thesis Title: ***Neuroprotective effects of Edible Bird's Nest using 2VO rat animal model of neurodegeneration***
Degree: MSc
Specialty: Neuropharmacology
Faculty: Medical School, International Islamic University (IIUM), Malaysia
Status: Ongoing
- Thesis Title: ***Neuroprotective effects of combines Vit E and CoEnz Q10 using 2VO rat animal model of neurodegeneration***
Degree: MSc
Specialty: Neuropharmacology
Faculty: Medical School, International Islamic University (IIUM), Malaysia
Status: Graduated
- Thesis Title: ***Antifertility effect of Fenugreek seeds aqueous extract on female rats***
Degree: MSc
Specialty: Neurophysiology
Faculty: Medical School, International Islamic University (IIUM), Malaysia
Status: Graduated
- Thesis Title: ***Neuroprotective effects of Trigonella Foeum Graecum and Eurycoma Longifolia in chronic cerebral hypoperfusion-induced neurodegeneration using rat animal model.***
Degree: PhD
Specialty: Neurophysiology
Faculty: Medical School, International Islamic University (IIUM), Malaysia
Status: Graduated
- Thesis Title: ***In-vivo evaluation of acute toxicity of Trigonella foenum-graecum seeds aqueous extract on kidney/Brain, using male mice model***
Degree: MSc
Specialty: Neurophysiology
Faculty: Medical School, International Islamic University (IIUM), Malaysia
Status: Graduated
- Thesis Title: ***Study of the potential use of lithium in treatment of acute kidney injury in rat animal model***
Degree: PhD
Specialty: Neuropharmacology
Faculty: Menoufia Medical School, Egypt
Status: Current
- Thesis Title: ***Effect of Vitamin D3 on Experimental Diabetic Nephropathy and Neuropathy in rats***
Degree: PhD
Specialty: Neuropharmacology
Faculty: Menoufia Medical School, Egypt
Status: Graduated
- Thesis Title: ***Study of Neuronal Networks Changes for Swiss Albino Mice Memory in Response to Different Environmental Stressors.***
Degree: MSc
Specialty: Zoology
Faculty: Science, Alexandria University, Egypt
Status: Graduated

THESES COMMITTEES

- Thesis Title: ***Brain derived neurotropic factor (BDNF) DNA methylation in Schizophrenia and its association with anti-psychotic use***
Degree/Date: MSc / 2018
Specialty: Clinical pharmacology
Faculty: IIUM, Malaysia
Role: External Examiner

- Thesis Title: ***Effects of exposure to stress following 6-OHDA injection on dopamine neuron survival: implication for nicotine treatment***
Degree/Date: PhD / 2017
Specialty: Human physiology
Faculty: University of Kwazulu-Natal, South Africa
Role: External Examiner
- Thesis Title: ***The Prenatal Stress & Febrile Seizures Effects on the Epigenetic Mechanisms Involved in Cognitive Function Following Treatment with Searsia Chirindensis***
Degree/Date: Master / 2016
Specialty: Human physiology
Faculty: University of Kwazulu-Natal, South Africa
Role: External Examiner
- Thesis Title: ***Exposure to prenatal stress enhances the development of seizures in young rats***
Degree/Date: PhD / 2015
Specialty: Human physiology
Faculty: University of Kwazulu-Natal, South Africa
Role: External Examiner
- Thesis Title: ***Comparison between two dehydration methods in polyester P40 plastination in human brain slices***
Degree/Date: Master / 2016
Specialty: Human anatomy
Faculty: International Islamic University Malaysia, Malaysia
Role: Internal Examiner
- Thesis Title: ***The effects of Oleanolic acid on reactive oxygen species in a parkinsonian rat model***
Degree/Date: Master / 2015
Specialty: Human physiology
Faculty: University of Kwazulu-Natal, South Africa
Role: External Examiner
- Thesis Title: ***Transcriptomics of iron limitation in phaeocystis antarctica***
Degree/Date: Master / 2014
Specialty: Biotechnology
Faculty: American University in Cairo (AUC), Egypt
Role: Moderator
- Thesis Title: ***Functional Identification of a novel ATP-dependent DNA Ligase (LigD) from the Microbial community of the deepest layer of the Red sea Atlantis II Brine Pool***
Degree/Date: Master / 2014
Specialty: Biology
Faculty: American University in Cairo (AUC), Egypt
Role: Internal Examiner
- Thesis Title: ***Improving machine learning techniques for influenza A classification***
Degree/Date: Master / 2014
Specialty: Biotechnology
Faculty: American University in Cairo (AUC), Egypt
Role: Internal Examiner

CURRENT RESEARCH AREAS/INTERESTS

Translational neuroscience, Cognitive/Behavioral neuroscience, Neurodegeneration, Neurovascular, Neuropsychiatric disorders. Non-primate animal models and Zebra fish model

CURRENT RESEARCH PROJECTS

1. Neuroprotective Effect of Statins and Ezetimibe against memory loss in Alzheimer-induced Dementia in Rats
2. Neuroprotective Effect of Silymarin on Peripheral Diabetic Neuropathy in Streptozotocin-Induced Diabetes Mellitus in Rats

RESEARCH GRANTS

Active/Current

Grant Title: **Evaluation of the roles imposed by HMGB1 protein in MPTP-induced Parkinson Disease Zebra fish model**

Principal Investigator: Wael Mohamed
 Total Cost: 130,000MRs= 31,000 US\$
 Funding Agency: FRGS-Malaysian Higher education
 Status: Active/Current
 Project Number: FRGS/2019/78
 Project Period: 2 years
 Role: PI %Effort: 50

- Grant Title: ***Exploring the potential of exosomal miRNA in different genetic mutation as potential prognosis biomarkers in PD***

Principal Investigator: Wael Mohamed / Collaboration between: Malaysia-Singapore-India
 Total Cost: 2,845,720 Rs= 41,633 US\$
 Funding Agency: INDO-ASEAN
 Status: Active/Current
 Project Number: CRD/2018/000078
 Project Period: 2 years
 Role: PI %Effort: 50

- Grant Title: ***Effects of edible bird nest on Streptozotocin-induced sporadic Alzheimer's Disease : A rodent model***

Principal Investigator: Jay Kumar Murpthy
 Total Cost: 70085 RM= 17,500US\$
 Funding Agency: UKM-Malaysia
 Status: Active/Current
 Project Number: UKM-SPKP-CRIM-PK01-L01
 Project Period: 2 years
 Role: Co-PI %Effort: 70

- Grant Title: ***Analysis of olfactory alterations in 5-HT deficient mice: role of serotonin in sense of smell***

Principal Investigator: Wael Mohamed
 Total Cost: 33,600 RM= 8,500US\$
 Funding Agency: RIG – International Islamic University Malaysia
 Status: Active/Current
 Project Number: RIGS 15-084-0084
 Project Period: 1 year
 Role: PI %Effort: 90

- Grant Title: ***Neuroprotective Effect of Statins and Ezetimibe against memory loss in Alzheimer-induced Dementia in Rats***

Principal Investigator: Wael Mohamed
 Total Cost: 4,000 US\$
 Funding Agency: International Society of Neurochemistry (ISN) – CAEN Committee
 Status: Active/Current
 Project Number:
 Project Period: 1 year
 Role: PI %Effort: 90

- Grant Title: ***IDRC/Water Pipe Policy Testing Project***

Principal Investigator: Ramzi Salloum (USA)
 Total Cost: 68,000 US\$
 Funding Agency: International Development Research Center (IDRC), Canada
 Status: Active/Current
 Project Number:
 Project Period: 2 years
 Role: PI for Egypt %Effort: 90

- Grant Title: ***Early Iron Deficiency and Attentional Deficits: From Basic Science to Treatment***

Principal Investigator: Wael MY Mohamed
 Total Cost: 1,000,000 EP
 Funding Agency: Science Technology & Development Fund (STDF)

Status: Active/Current
 Project Number: 4975
 Project Period: 2 years
 Role: Principal Investigator %Effort: 90

- Grant Title: ***The co-morbidity of Schizophrenia and Tobacco dependence in a rodent Model of Psychosis***
 Principal Investigator: Wael Mohamed
 Total Cost: 20,000 EUR
 Funding Agency: IBRO – IBRO return home fellowship
 Status: Active
 Project Number: N/A
 Project Period: 2 years
 Role: PI %Effort: 100
- Grant Title: ***Tobacco dependence in a rodent Model of Psychosis***
 Principal Investigator: Wael Mohamed
 Total Cost: 6,000 \$
 Funding Agency: AUC (American University in Cairo)
 Status: Active
 Project Number: N/A
 Project Period: 1 year
 Role: PI %Effort: 100

Submitted/Pending

- Grant Title: ***“Identifying predictive biomarkers of diabetic retinopathy using two mouse models of Type 1 diabetes”***.
 Principal Investigator: Dr. Joyce Tombran-Tink
 Total Cost: 250,000 US\$
 Funding Agency: NIH
 Status: Submitted/Pending
 Project Number: N/A
 Project Period: N/A
 Role: Egyptian Partner %Effort: 50
- Grant Title: ***Mediterranean Diet Against Depression (MDAD)***
 Principal Investigator: Belgium
 Total Cost: 13,000,000 EURO
 Funding Agency: Europe, FP7
 Status: Submitted/Pending
 Project Number: N/A
 Project Period: N/A
 Role: Egyptian Partner %Effort: 70

Completed

- Grant Title: ***Dopamine and Psychiatric Disorders (Seminar)***
 Principal Investigator: Wael Mohamed
 Total Cost: 6,000 \$
 Funding Agency: International Society for Neurochemistry (ISN)-CAEN
 Status: Completed
 Project Number: N/A
 Project Period: N/A
 Role: PI %Effort: 100
- Grant Title: ***Neurobehavioral Sequelae of Early Iron Deficiency in Rats and Humans***
 Principal Investigator: Dr. Youssef Aboussaleh
 Total Cost: 10,000 EURO
 Funding Agency: NeuroMed: MPP, FP7; Europe
 Status: Completed
 Project Number: N/A
 Project Period: July 2012 – May 2013
 Role: Co-investigator %Effort: 50
- Grant Title: ***Early Iron Deficiency in Rat Animal Model***
 Principal Investigator: Byron C Jones
 Total Cost: \$26,000

Funding Agency: Penn State CYFC (Children, Youth and Families Consortium)
 Status: Completed
 Project Number: 423-15 1001 CYFC
 Project Period: (October-2008) through (October-2010)
 Role: Research Associate %Effort: 90

- Grant Title: ***Measuring Emotion Regulation to an Aversive Parenting Situation with ERP Methods***

Principal Investigator: Mark Feinberg
 Total Cost: \$8.700
 Funding Agency: Penn State Social Science Research Institute (SSRI)
 Status: Completed
 Project Number: N/A
 Project Period: (August-2008) through (August-2009)
 Role: Research Associate %Effort: 90

ACADEMIC ARTICLE PRESENTATIONS AT INTERNATIONAL CONFERENCES

Mohamed WM. NEUROPROTECTIVE EFFECTS OF COMBINED ADMINISTRATION OF COENZYME Q10 AND VITAMIN-E IN CHRONIC CEREBRAL HYPOPERFUSION-INDUCED NEURODEGENERATION IN RATS. Abstract# 1712. International Congress of Movement Disorder Society Nice, France, September, 22-26, 2019.

Mohamed WM, (August-2013). Hubris Syndrome: An Egyptian Perspective. Abstract # [CPSYC 1139]. The International Congress on Clinical Counseling Psychology (CPSYC), Istanbul– Turkey.

Mohamed WM, (April-2013). Effects of early iron deficiency on catecholaminergic transporters in rat brain. Abstract # [A-495-0042-00445]. The 21st European Congress of Psychiatry. Nice, France.

Sue R Beers, Mohamed El-Bahy, **Wael MY Mohamed,** (December-2012). Assessing Head Trauma in Children: Arabic Translation of the Pediatric Glasgow Outcome Scale-Extended. Abstract No 0193. The 12nd Pan Arab Psychiatric Conference, Dubai, UAE.

Mohamed WM, (October-2012). Early Iron Deficiency and Attentional Deficits From Basic Science to Treatment. Abstract No 0193. The 12nd SPS Annual Meeting. Phoenix, AZ, USA.

Mohamed WM, (September-2012). Effects of early iron deficiency on catecholaminergic transporters in rat brain. 4th Conference of the Mediterranean Neuroscience Society (MNS), September 30 – October 3, 2012, Istanbul, TURKEY. Poster# P046 – Abstract# 23

Mohamed WM, Unger EL, Jones BC (April-2012). Neurobehavioral Sequale of Early Iron Deficiency in Rats. Poster presented at Neuromed School: the neuroscience of addiction- neurobiological mechanisms and behavioral implications. Tetouan, Morocco.

Mohamed WM, Unger EL Jones BC (March-2012). Early Iron Deficiency Effects in Rat Animal Model (New Findings). Poster presented at Middle East Conference on Depression and Anxiety Spectrum Disorder from Basic Science to the Clinic and Back. University of Jordan, Amman, Jordan.

Mohamed WM, Unger EL, Kambhampati SK, Jones BC (June-2010). Methylphenidate improves cognitive deficits produced by infantile iron deficiency in rats. Poster presented at 89th Annual National GWIS (Graduate Women in Science) Conference; Bridges STEM (Science, Technology, Engineering and Mathematics) Symposium Poster and Networking, PSU, USA. Abstract# 4

Mohamed WM, Unger EL, Jones BC (April-2010). Methylphenidate improves attentional abilities of rats made iron deficient in early infancy. Poster presented at 17th Annual Meeting of the Cognitive Neuroscience Society (CNS), Montreal, Canada. Poster # B16.

Mohamed WM, Unger EL, Jones BC (March-2010). Methylphenidate Improves Cognitive Performance of Rats made Iron Deficient in Early Infancy. Poster presented at 25th Annual Graduate Exhibition. PSU, USA.

Mohamed WM, Unger EL, Jones BC (March-2010). Perceptual attentional set-shifting is impaired in rats made iron deficient in early infancy. Poster presented at Health and Human Development Interdisciplinary Research Forum and Social. PSU, USA.

Mohamed WM, Unger EL, Jones BC (March-2010). Methylphenidate improves attentional abilities of rats made iron deficient in early infancy. Poster presented at 21st Annual Meeting of the American Neuropsychiatric Association (ANPA), Florida, USA.

Mohamed WM, Unger EL, Jones BC (February-2010). Treatment with Psycho-stimulant drug Improves Cognitive Performance of Rats in an Attentional Set-Shifting Test. Poster presented at The 2010 Achievement Conference, PSU, USA.

Mohamed WM, Unger EL, Jones BC (November-2009). A preliminary investigation into the effects of dopamine stimulating drugs on attentional deficits produced by early iron deficiency in rats. Poster presented at Penn State Neuroscience Research Day, PSU, USA.

Mohamed WM, Unger EL, Jones BC (October-2009). A Preliminary investigation of attentional deficits produced by early iron deficiency in rats. Program No.873.6/DD67. The 39th Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2009. Online

Mohamed WM, Unger EL, Jones BC (March-2009). Early Iron Deficiency and Attentional Deficits: From Basic Science to Treatment. Poster presented at the 24th Annual Graduate Exhibition. PSU, USA.

Yousef WM, Omar AH, Ghanayem NM, El-Wahed MM, Morsy MD (September-2006). Effects of some calcium channel blockers in experimentally induced diabetic nephropathy in rats. Poster presented at the 6th Annual Meeting of Safety Pharmacology Society (SPS). San Diego, California, USA

Yousef WM, H. Fallah Huseini, B. Larijani, H. Fakhrzadeh, S.B. Radjabipour, R. Heshmat, R. Heydar (September-2006). Clinical investigations of silybum marianum seed extract (silymarin) treatment in type-II diabetic patients. Poster presented at the 6th Annual Meeting of Safety Pharmacology Society (SPS). San Diego, California, USA

Yousef WM, Morsy, M.D., Abd El-Wahed, M.M., Ghanayem, N.M., Omar, A.H. (June-2004). Effects of some calcium channel blockers in experimentally induced diabetic nephropathy in rats. Poster presented at the 8th International Symposium on Resistance Arteries (www.isra2004.org), Angers, France. Abstract# 7-2

BIBLIOGRAPHY

In preparation and Submitted Articles

1. Statins as neuroprotective agents in PD animal model (*in preparation*)
2. Silymarin as a neuroprotective agent in diabetic neuropathy (*in preparation*)
3. Effect of vitamin D3 on experimental diabetic nephropathy and neuropathy in rats (*in preparation*)
4. Study of networks changes for swiss albino mice memory in response to different environmental stressors (*in preparation*)

Original Articles

1. Moustafa, A. A.* , Crouse, J.J. *, Herzallah, M.M., Salama, M., **Mohamed, W.**, Misiak, B., Frydecka, D., Al-Dosari, N. F., Megreya, A. M., Mattock, K. (2019). Depression following major life transitions in women: A review and theory. Psychological Reports. **Accepted**
2. Mohamed Salama, Sara El-Desouky, Aziza Alsayed, Mahmoud El-Hussiny, Khaled Magdy, Sabry El-Khodery, Mohamed A. Youssef, Mohamed Sobh, **Wael Mohamed**. siRNA blocking of mammalian target of rapamycin (mTOR) in an animal model of tauopathy. Neurotox Res. 2018 Oct 25. doi: 10.1007/s12640-018-9974-3.
3. Mohamed Salama, Sara El-Desouky, Aziza Alsayed, Mahmoud El-Hussiny, Abdelrahman Moustafa, Yasmeen Taalab, Osama Shabka, **Wael Mohamed**. FOXRED1 silencing: neurodegenerative effects in mice. Metab Brain Dis. 2018 Nov 3. doi: 10.1007/s11011-018-0334-z
4. Ghanbari A, Zibara K, Salari S, Ghareghani M, Rad P, **Mohamed W**, Ebadi E, Malekzadeh M, Delaviz H. Light-Emitting Diode (LED) Therapy Attenuates Neurotoxicity of Methanol-Induced Memory Impairment and Apoptosis in The Hippocampus. CNS Neurol Disord Drug Targets. 2018. Doi: 10.2174/1871527317666180703111643.
5. Mohamed Salama, Ali Shalash, Alshimaa Magdy, Marianne Makar, Tamer Roushdy Mahmoud El-Balkimy, Hanan Hany Elrassas, Passant Elkafrawy, **Wael Mohamed**, Mohamed Abou Donia. Tubulin and Tau, as targets for diagnosis of parkinson's and Alzheimer's diseases. PLoS One. 2018 May 9;13(5):e0196436. doi: 10.1371/journal.pone.0196436. eCollection 2018.

6. **Wael Mohamed**, Anil Saxena, Sayida Said, Pakeer Oothman. Oxidative stress status and neuroprotection of tocotrienols in chronic cerebral hypoperfusion-Induced Neurodegeneration in Rats. *International Journal of Nutrition, Pharmacology, Neurological Disease*. 2018; 8:2.
7. Ali Shalash, Mohamed Salama, Marianne Makar, Tamer Roushdy, Hanan Hany Elrassas, **Wael Mohamed**, Mahmoud El-Balkimy, Mohamed Abou Donia. Elevated serum alpha synuclein autoantibodies in patients with parkinson's disease relative to Alzheimer's disease and controls. *Frontiers in Neurology*. 2017; <https://doi.org/10.3389/fneur.2017.00720>.
8. Mohamed Salama, Mahmoud El-Husseiny, Magdy A, Omran AG, Alsayed R, **Wael MY Mohamed**. Dual mTORC1/mTORC2 blocker as a possible therapy for taupathy in cellular model. *Metab Brain Dis*. 2017; DOI: 10.1007/s11011-017-0137-7.
9. Kazem Zibara, Nabil El-Zein, Mirna Sabra, Mohammad Hneino, Hayat Harati, **Wael Mohamed**, Firas Kobeissy, Nouhad Kassem. Thyroxine (T4) transfer from blood to CSF in sheep isolated choroid plexus: role of MRPs and OATP's. *Front. Neurol*. 2017;8:214 doi: 10.3389/fneur.2017.00214.
10. Mohamed Salama, Mahmoud Sobh, Mahmoud Emam, Ahmed Abdalla, Dina Sabry, Mohamed El-Gamal, Ahmed Lotfy, Mahmoud El-Husseiny, Mohamed Sobh, Ali Shalash, **Wael MY Mohamed**. Intranasal stem cells delivery preserves nigrostriatal system in Parkinson's disease mouse model. *Experimental and Therapeutic Medicine*. 2017; 13:976-982 DOI: 10.3892/etm.2017.4073.
11. Ramadan M Elkalimi, Akshaya S Bhagavathul, Adamu Ya'u, Sami A Al-Dubai, Tarek M Elsayed, Akram Ahmad, **Wael Mohamed**. Familiarity, perception, and reasons for electronic-cigarette experimentation among the general public in Malaysia: Preliminary insight. *J Pharm Bioallied Sci*. 2016; 8(3): 240-7. doi: 10.4103/0975-7406.180768.
12. Mohamed Salama, **Wael M.Y. Mohamed**. Tau protein as a biomarker for asphyxia: A possible forensic tool? *Appl Transl Genom* 2016, 9; 20-22, doi: [10.1016/j.atg.2016.03.001](https://doi.org/10.1016/j.atg.2016.03.001)
13. Huda I. Abd Elhafiz, Maha M. El Batsh, **Wael M. Y. Mohamed**, Magda A. Mansour, Eman A. E. Badr, Abd Elrahman A. Yassin, Adel H. Omar. The protective effect of calcitriol on diabetic neuropathy in STZ-induced diabetic rats. *British Journal of Pharmaceutical Research*. 2015; 8(1): 1-15. doi: DOI: 10.9734/BJPR/2015/19591
14. Mohamed Salama, Ahmed Lotfy, Khaled Fathy, Maria Makar, Mona El-emam, Aya Elgamal, Mohamed El-gamal, Ahmad Badawy, **Wael MY Mohamed**, Mohamed Sobh. Developmental neurotoxic effects of Malathion on 3D neurospheres system. *Appl Transl Genom*. 7(2015); 13-18. doi:10.1016/j.atg.2015.07.001
15. Anil Kumar Saxena, Saif Saad Abdulmajeed, Sunil Gurtu, **Wael MY Mohamed**. Investigation of redox status in chronic cerebral hypoperfusion-induced neurodegeneration in rats. *Applied and Translational Genomics*. 2015 [doi:10.1016/j.atg.2015.05.004](https://doi.org/10.1016/j.atg.2015.05.004)
16. **Mohamed WM**. Possible Alteration of Catecholaminergic Transporters in Specific Brain Areas of Iron Deficit Rats. *Annals of Neuroscience*. 2015 ; Vol22, No1
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Review Articles

1. Moustafa, A. A., Hassan, M., Hewedi, D., Garami, J., Alashwal, H., Zaki, N., Seo, S.Y3., Cutsuridis, V. , Angulo, S. L., Hewedi, E., Natesh, J. Y. , Herzallah, M. M., Frydecka, D., Misiak, B., Salama. M, **Mohamed, W.**, El Haj, M., Hornbeger, M. (2017). Genetic Underpinnings in Alzheimer's disease – a review. *Reviews in the Neurosciences*. 2017 Sep 26. doi: 10.1515/revneuro-2017-0036
2. Moustafa, A. A., Salama, M., Peak, R., Tindle, R. Salem, A., Keri, S., Misiak, B., Frydecka, D., **Mohamed, W.** Interactions between Cannabis and Schizophrenia in Humans and Rodents. *Reviews in the Neuroscience*. Rev Neuroscience, 2017. doi: 10.1515/revneuro-2016-0083
3. Abdelrahman Ibrahim Abushouk, Ahmed Negida, Rahe Abdelsalam Elshenawy, Hossam Zein, Ahmed Menshawy, **Wael MY Mohamed**. C-Abl inhibition, a novel therapeutic target for Parkinson's disease. *CNS & Neurological Disorders-Drug Target*. 2017 Jun 1. doi: 10.2174/1871527316666170602101538. [Epub ahead of print]
4. Thomas K. Karikari, Emmanuel Quansah, **Wael M.Y. Mohamed**. Developing expertise in bioinformatics for biomedical science in Africa. *Appl Transl Genom*. 2015 Sep; 6:31-34 doi: [10.1016/j.atg.2015.10.002](https://doi.org/10.1016/j.atg.2015.10.002)
5. Thomas K. Karikari, Emmanuel Quansah, **Wael M.Y. Mohamed**. Widening participation would be key in enhancing bioinformatics and genomics research in Africa. *Appl Transl Genom*. 2015 Sep; 6:35-41 doi: [10.1016/j.atg.2015.09.001](https://doi.org/10.1016/j.atg.2015.09.001)
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7. **Mohamed, Wael MY**. Neurogenomics : An Egyptian Perspective. *Applied and Translational Genomics*. 2015. PMC ID 4745359 doi:[10.1016/j.atg.2015.04.003](https://doi.org/10.1016/j.atg.2015.04.003)
8. **Mohamed, Wael MY**. Treating Parkinson's. *Bulletin of World Parkinson's Program*. Vol. 5, No. 8, 2013.
9. **Mohamed, Wael MY**. Egyptianization of Psychology. *International Psychology Bulletin*. Volume 16, No 3, Summer 2012.
10. **Mohamed, Wael MY**. Psychology in Egypt : Challenges and Hopes. *Psychology International Newsletter*. 2012; 23(1) :1-3. ([Link](#))

11. **Mohamed WM**, Jean-Christophe Cassel, Ben Hamids Sami, Anne Pereira de Vasconcelos, Jones BC. MDMA: Interactions with other psychoactive drugs. *Pharmacology, Biochemistry and Behavior*. 2011 ; 99 :759-74 **IF** : 2.62
12. **Mohamed WM**, Hamida SB, de Vasconcelos AP, Cassel JC, Jones BC. Interactions between 3, 4-Methylenedioxymethamphetamine and Ethanol in Humans and Rodents. *Neuropsychobiology*. 2009; 60(3-4): 188-94 **IF**: 2.56

Book Chapters

-**“Depressive Symptoms in Schizophrenia: cognitive and neural studies”** - book title **“Depression in Psychiatric Disorders”**. Published by Elsevier. *In Preparation*

-Alcohol addiction: revisiting. Published by Springer. *In preparation*

IN THE NEWS & OPEN ARTICLES

1. Searching for Answers. Graduate Psych Magazine. January 2012, Vol10, No1, P44. ([Link](#))
2. Ritalin may ease early iron deficiency damage. PSU Live; February 2, 2011. ([Link](#))
3. **Mohamed, Wael MY** (2008): Arab and Muslim contributions to modern neuroscience. *IBRO History of Neuroscience*. ([Link](#))
4. **Mohamed, Wael MY** (2008): The Edwin Smith Surgical Papyrus: Neuroscience in Ancient Egypt. *IBRO History of Neuroscience*. ([Link](#))
5. Success Story for Egyptian Neuro-pharmacologist. IBRO publication. Vol 34, 2006 ([Link](#))

FELLOWSHIPS, RECOGNITION & AWARDS

Fellowships

Fall-2011	Graduate Assistantship – The Huck Institutes of Life Sciences, PSU
2010-2011	Graduate Assistantship – Penn State Hershey Medical Center, College of Medicine
2006-2010	PhD Graduate Fellowship - Egyptian Ministry of Higher Education

Recognition & Awards

June-2015	Travel grant-Movements Disorders Society Meeting, USA
May-2014	ECP Achievement Award Winner/APA2014 Convention
July-2013	Early Career Professional Award from APA (non-USA based)
May-2012	Outstanding Doctoral Dissertation Award granted by the National Academy of Neuropsychology (NAN). This award is in recognition of an excellent neuropsychology-related dissertation.
April-2012	Travel Award – 3 rd Neuromed school on “neuroscience of addiction: neurobiological mechanisms and behavioral implications”. Tetouan, morocco
March-2012	Early Career Award – Middle East Conference on Depression and Anxiety Spectrum Disorder from Basic Science to the Clinic and Back, University of Jordan, Amman, Jordan
September-2006	Student Travel Award - Safety Pharmacology Society (SPS) 6th Annual Meeting, San Diego, California, USA
March-2006	Certificate of Recognition - The European Dana Alliance for the Brain for organization of Brain Awareness Day at EGYPT
April-2005	Young Scientists Award - the 9 th Annual Meeting of Egyptian Hypertension Society (EHS) and World Hypertension League Regional Meeting: Cairo, Egypt
March-2005	Best Poster Award - Pan Arab Conference on Diabetes (PACD-9th): Cairo, Egypt,
October-2004	Young Scientists Award - HUPO 3 rd annual World Congress (Proteomics, Decoding the genome), China

INVITED TALKS/PANELS (SCHOOLS & WOEKSHOPS)

October 2019	{Zebra fish: an affordable animal model in neurodegeneration} IBRO-MENA school, AUB, Lebanon
July 2019	<i>{What we know and what we do not know about brain Dementia}</i> Annual meeting of Malaysian Society of Neuroscience, KB, Malaysia
March 2018	<i>{EEG modification in animal model of epilepsy}</i> Monash University, KL, Malaysia
March 2018	<i>{Using CNTs impregnated with stem cell in treating AD rat model}</i> NanoSci and Nanomedicine, Medical School, UiTM, KL, Malaysia
December 2017	{Dopamine: the good, the bad and the ugly} IBRO-MENA school, Jordan
September 2017*	{Translational neuroscience} 1st IBRO-APRC associate school of neuroscience: translational neuroscience and research, Dhaka, Bangladesh
June-2017*	{Translational neuroscience: 2VO rat animal model in focus} IBRO-APRC associate school 2017, NUS, Singapore
August-2016*	<i>{Zooming into the cellular and subcellular compartments of the neurons}</i> APSN-ISN Neuroscience School 2016, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia, Malaysia
July-2016*	<i>{Neurobiological markers: neurodegenerative disorders in focus}</i> IBRO/APRC Associate School of Neuroscience: Translational Neuroscience. Phitsanulok, Thailand
June-2015	<i>{How dopamine talks to the world through the brain}</i> -Symposium Chair MNS 2015 meeting, Sardinia, Italy
March-2015	<i>{Dietary Habits are a major aspect of people's lifestyle that influence mental health}</i> – Symposium Chair 12th International Meeting of Society of Neuroscientists of Africa (SONA) Durban, South Africa
March-2015	<i>{Translational research: Brain-Diabetes cross talk}</i> -Symposium Chair 19 th Pan Arab Conference on Diabetes (PACD19), Cairo, Egypt
April-2014	<i>{Biopsychology of ADHD: What are the animal data tells us}</i> 10th international conference on psychiatry, Jeddah, KSA
September-2013	<i>{Animal model of Psychosis and Nicotine}</i> First Waterpipe conference in the Middle East, Abu-Dhabi, UAE
June-2013*	<i>{Several lectures about addiction}</i> IBRO Addiction school, Morocco
March-2013	<i>{Several lectures about neurosciences and brain storming sessions}</i> Kenitra faculty of medicine, school, Rabat, Morocco
February-2013	<i>{Psychology in The Middle East: Challenges and Hopes}</i> The 2 nd Annual International Conference on Cognitive and Behavioral Psychology (CBP-2013). ID02. Singapore
November-2012	<i>"What do psychologists do?" (Roundtable discussion with guest psychologists from different specializations)</i> American University of Cairo (AUC), Cairo, Egypt
October-2012	<i>{Effects of Early Iron Deficiency on Catecholaminergic Transporters in Rat Brain}</i> Nanosymposium Session. The 42 nd Annual SfN Meeting, Abstract #1324. New Orleans, USA
October-2012	<i>{Curriculum development and problem based learning for medical school}</i> Libyan International Medical University (LIMU), Benghazi, Libya
October-2012	<i>{Arab Contribution to Neuroscience}</i> Theme H Session. The 42 nd Annual SfN Meeting, Abstract #1334. New Orleans, USA
September-2012*	<i>{An Introduction to Addiction}</i> 5th IBRO/SfN/NAS Teaching Tools Workshop. Durban, South Africa
September-2012	<i>{MNS conference}</i> Istanbul, Turkey

September-2012	{ <i>Early Iron Deficiency Anemia and its effects on attention and memory in rats animal model and ADHD kids</i> } Inmed Meeting "Understanding brain Development and Correcting Neurological Disorders", Saint-Raphael Valescure, France.
July-2012	{ <i>Hubris Syndrome and Egyptian Presidents</i> } 7 th Biennial International Meaning Conference, Toronto, Canada.
April-2012*	{<i>Neurobehavioral Sequale of Early Iron Deficiency in Rats</i>} Neuromed School: the Neuroscience of Addiction-Neurobiological Mechanisms and Behavioral Implications. Tetouan, Morocco.
March-2012	{ <i>Early Iron Deficiency Effects in Rat Animal Model, New Findings</i> } Middle East Conference on Depression and Anxiety Spectrum Disorder from Basic Science to the Clinic and Back. University of Jordan, Amman, Jordan.
July-2009	{ <i>Heavy Metals & Brain development and Functions</i> } Penn State's 16 th Annual Ronald E. McNair Conference. PSU, USA
December-2005*	{<i>Egyptian Current State of Neuroscience: Psychopharmacology</i>} Behavioral Neuroscience – ISN/IBRO African Advanced Neuroscience School, Nairobi-Kenya
July-2005*	{<i>Egyptian Current State of Neuroscience: Psychopharmacology</i>} Basic and Clinical Neuroscience - 10th International Brain Research Organization (IBRO) - Fogarty Neuroscience School in West Africa, Bamako-Mali
July-2003	{ <i>Lecture Series in Psychopharmacology Department</i> } International Islamic University (IIUM), Faculty of Medicine, Malaysia Universiti Kebangsaan Malaysia, Kuala Lumpur, Malaysia

* Indicates IBRO/ISN Neuroscience Schools

KEY SCIENTIFIC QUALIFICATIONS

Medical Education Experience:

- Problem Based Learning (PBL) curriculum development
- Moodle & Black Board: Course Management System (CMS), Virtual Learning Environment (VLE)

Research experience:

In Vivo Experience

- Early Iron deficient rat model
- 2VO animal model
- Neurodegenerative Animal model
- ASST (Attentional Set Shift Task) for rats
- Rat brain dissection and sectioning
- DA and NE ligand binding
- Mice eye dissection: retina, vitreous, ON

In Vitro Experience

- Cell culture for PCR gene expression
- RNA extraction and qRNA
- Quantitative cDNA
- qPCR and RT-PCR
- Inflammatory biomarkers Immunoassay (BioPlex-200 system)

Experimental pharmacology:

- MICROLAB Simulation

Clinical experience:

- Neuropsychological Assessment
- Using AFNI software for fMRI time series datasets (Basic level)
- EEG / ERP data analysis:
 - EEG net application
 - Net Station Tools
 - Brain Vision Analyzer

SPECIALIZED SKILLS

Managerial & Strengths:

- Faculty and Leadership Development Project (**FLDP**) Certificate (February, 2004) Menoufiya University, EGYPT
- Trained undergraduate students
- High standards of competence and performance
- Understanding of complex issues and difficult problems
- Strategic thinker with ability to see the inter-relatedness of elements
- Long range vision with global perspective
- Ability to organize a job and carry it through

Communication & Computer skills:

- Languages: Bilingual (Arabic & English), French (proficient)
- The Social, Life, & Engineering Sciences Imaging Center (SLEIC) Group: PSU, 2009-2011.
- Present scientific results at lab meetings and conferences (PowerPoint and poster presentations)
- Statistical packages: Systat, Minitab
- Net station software

SCIENTIFIC ACTIVITIES

May-2011	Judge - Pennsylvania Junior Academy of Science (PJAS) 77 th annual state meeting, PSU, USA
May-2011	Grand awards judge - Intel International Science and Engineering Fair (Intel ISEF, 2011). LA, California, USA
March-2011	Judge – 2011 Graduate Exhibition, PSU, USA
2011-Present	Member in Student outreach committee (SOC) and Education Committee- American College of Clinical Pharmacology (ACCP)
2010-Present	Continuous Medical Education (CME) Committee - Islamic Medical Association of North America (IMANA)
September-2010	Program Committee - Safety Pharmacology Society (SPS), 10 th Annual Meeting, Boston, USA
April-2010	Volunteer - 17 th Annual Meeting of the Cognitive Neuroscience Society (CNS), Montreal, Canada.
April-2010	Judge - the ASPET Neuropharmacology Division's Best Abstract Competition for Pre-doctoral Students, Anaheim, CA, USA
April-2010	Monitor - the American Academy of Neurology 62 nd Annual Meeting in Toronto. Monitoring program; 3IN.002: <i>Current Concepts in Cognitive Neuroscience: Implications for Neurological Disease</i> .
2008-2010	Academic Outreach Committee - Safety Pharmacology Society (SPS)
2009-2010	Facilitator - SfN Neuroscience Wikipedia Initiative, Cognitive Neuroscience.
May-2009	Grand awards judge - Intel International Science and Engineering Fair (Intel ISEF, 2009). Reno, NV, USA
May-2008	Judge - Pennsylvania Junior Academy of Science (PJAS) 74 th annual state meeting, PSU, USA

ACADEMIC MEETING ORGANIZATION EXPERIENCE

Meeting	Location	Date	Role
IBRO-MENA School	AUB, Lebanon	4-8 October, 2019	<i>Organizing committee</i>
Annual meeting of Malaysian Society of Neuroscience	KB, Malaysia	4-8 June, 2019	<i>Local organizing Committee, Publishing Committee</i>
IBRO/ARC School: Gut-Brain Axis	AUC, Cairo, Egypt	18-22 June, 2018	Chair
Middle East Molecular Biology Sources (MEMBS) annual meeting 2017	Abu Dhabi, UAE	1-4 Nov, 2017	General Scientific Committee

IBRO/ISN school: Neurogenetics from animal model to precision medicine	Cairo, Egypt	1-5 May, 2017	Chair
Neuroscience Symposium: Translational neuroscience	Kuantan, Malaysia	February, 2017	Chair
IBRO/ISN school: neurological aspects of infectious diseases	Kumasi, Ghana	December-2016	Chair
IBRO School: Epigenetics of the neurodegenerative disorders: from the basic science to clinical. PD in focus	Cairo, Egypt	October-2014	Chair
Arab Spring: a psychosocial perspective. 122 nd Annual Convention of the American Psychological Association	Washington DC, USA	August-2014	Symposium Chair
10th International Congress on Psychiatry: Recent Advances In The Neuropharmacology of Addiction: Implications for therapy	Cairo, Egypt	May-2014	Symposium Chair
10th international conference on psychiatry "psychiatric models; biological and psychological perspectives"	Jeddah, KSA	April-2014	Symposium Chair
Pan Arab Diabetic Conference (PACD19)	Cairo, Egypt	March-2014	Symposium Chair
11 th SONA International Conference	Rabat, Morocco	June-2013	International Committee
9 th International Congress on Psychiatry & 4 th International Congress on Neuroscience	Alexandria, Egypt	May-2013	Symposium Chair
2012 annual meeting of American College of Clinical Pharmacology (ACCP)	San Diego, USA	September-2012	Program Committee
The sixth annual Promotion and Tenure Symposium "What's Diversity Got to Do With It?"	PSU, USA	April-2011	Program Committee
Voices 2011 conference - The Annual Networking Conference for Students, Post-Docs, Faculty and Professionals in Science, Technology, Engineering and Mathematics (STEM) Fields - GWIS (Graduate Women in Science).	PSU, USA	February-2011	Co-chair
Continuous Education Course: Intermediate Central Nervous System "ADHD from Basic Science to Treatment". Safety Pharmacology Society 10 th Annual Meeting,	Boston, USA	September-2010	Chair
Safety Pharmacology Society (SPS), 2010, SPS Meeting.	Boston, USA	September-2010	Program Committee
89 th Annual National GWIS (Graduate Women in Science) Conference; Bridges STEM (Science, Technology, Engineering & Mathematics) Symposium Poster and Networking,	PSU, USA	June-2010	Poster & Welcoming Committee
Continuous Education Course: Intermediate Central Nervous System "CNS Issues in Drug Development: Safety Pharmacology beyond the guidelines". Safety Pharmacology Society 9 th Annual Meeting	Strasbourg, France	September-2009	Chair

The Eighth Olympiad of the Mind: " <i>Brain Research: Improving Global Harmony</i> ": The International S.T.E.P.S. Foundation. The National Academies.	Washington, DC, USA	November-2007	Program Committee
Brain Awareness Day (BAD)	Menoufiya, EGYPT	March-2006	Local Organizer and Moderator
The first IUPHAR sponsored Workshop on Clinical Pharmacology in Arab Countries	Alexandria, Egypt	February-2004	Organizing Committee

COMMUNITY SERVICES/VOLUNTEERING

Summer 2018	Brain Bee competition – Pahang Zone – Malaysia
Fall-2011	Orientation Leader – International PSU students
2010-2011	Affiliate member – Commission on Racial/Ethical Diversity (CORED), PSU
2006-2011	President of Pennsylvania Chapter - ESANA (Egyptian Student Association in North America).
Spring-2010	Orientation Leader – International PSU students
2008-2009	International Graduate Student Representative and Graduate Council Representative - GSA (Graduate Student Association), PSU-USA)
2006-2008	At large representative - HUB-Robeson Advisory Board , PSU-USA

REFERENCES

Available Upon Request