

RESUME OF



MOHAMMAD HAFIZ BIN HAMZAH

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Researchgate: https://www.researchgate.net/profile/HH_Mohammad/

Website: <http://hafizphd.blogspot.my>

OBJECTIVE:

Looking for a challenging job, with my acquired skills and knowledge in science and/or education. I believe I could help as well as to develop and promote your esteem organization to becoming a prestigious center/institution.

PERSONAL PARTICULAR

I.C Number	: 871215-08-5085
D.O.B	: 15 Decem ber 1987
Place of birth	: Lum ut Hospital, Perak.
Marital status	: Single
Gender	: Male

WORKING EXPERIENCES

1) DEPARTMENT OF CHEMISTRY, UNIVERSITI MALAYA RESEARCH ASSISTANT (NOV 2011- PRESENT)

(Project No: RG045/09SUS) (NOV 2011- MARCH 2013)

**Studies of The Flux of Gaseous Pollutants Across Air-Water Interface
Using Reversed-Flow Gas Chromatography (RF-GC) Techniques**

- Under supervision of Associate Prof. Dr. Rashid Atta Khan, Lecturer at Chemistry Dept.
- Project handling: Flux of gases across the air water interface studied by reverse flow gas chromatography.
- Collaboration with MARDI (Institut Penyelidikan dan Kemajuan Pertanian Malaysia) in the project involving Reversed-Flow Gas Chromatography.
- Preparing quotation for equipment purchasing.
- Dealing with scientific instruments company on buying scientific products/repairing services.

(Project No: PG067-2013A) (MARCH 2013-PRESENT)

**Physicochemical Measurement And Environmental Applications of
Reversed-Flow Gas Chromatography (RF-GC)**

- Principal Investigator (PI) : Prof. Dr. Sharifuddin Md. Zain, Head of Department, Chemistry Department, Universiti Malaya
- Analysis of gaseous pollutants via RF-GC.
- Development of reversal methods at various parameters.
- Interpretation of findings to determine liquids evaporation behaviour
- To ensure the smooth operation of the laboratory to certain all instruments/equipments are functional at all times as to produce prompt, accurate and reproducible analysis and all sampling are conform with standard test/method.
- Preparation of sample analysis
- Ensure safety at all time in the laboratory and field
- Plan and implement improvement and modification works for smooth operation
- Ensure timely reorder/ purchase of chemicals or equipments for the usage operation of the lab
- Liaise with salesperson on chemicals purchasing and equipments repairing
- Ensure disposal of waste or spent chemicals according to relevant regulatory requirement
- Plan and implement cost saving projects in the laboratory
- Plan, install and commission equipments and machineries
- Preparing purchase order (P/O) for chemicals and equipments
- Auditing account and equipment tagging system

**2) MELATI TUITION CENTRE
PART TIME TUTOR (OCT 2011- PRESENT)**

- Teaching pure science and math for form one and form two students.
- Prepare course materials such as syllabi, home works, assignments and handouts.
- Plan, evaluate and revise curricula, course content, course materials and method of instructions.
- Compile bibliographies of specialized materials for outside reading assignments
- Collaborate with colleagues to address teaching and research issue.
- Create lessons plan, assign and correct home works.
- Communicate with parents and help students prepare for standardized testing.

**3) SEKOLAH MENENGAH KEBANGSAAN SS17, SUBANG JAYA
PRE-SERVICE TEACHER (MAY – JULY 2011)**

- Ensure the students will be able to acquire the required knowledge at the end of the learning session.
- Involve in the school's activities for example Healthy Campaigns, teacher's day, uniform bodies camping, etc.
- Teaching pure science and math for form one and form two

ACHIEVEMENT (AWARDS)

No.	Event	Title of presentation	Achievement	Start Date	End Date	Organizer	Level
1.	International Engineering Invention & Innovation Exhibition (i-Envex) 2014	Poster	Bronze	11-Apr-2014	13-Apr-2014	Universiti Malaysia Perlis	International

ACHIEVEMENT (SCHOLARSHIPS)

No.	Name of the Scholarships	Name of the Sponsor	Duration
1.	Skim Biasiswazah, Universiti Malaya	Institute of Graduate Studies, Universiti Malaya	2011-2015

PUBLICATION IN INTERNATIONAL JOURNAL

- H.H. Mhammad, Sharifuddin Mohd Zain, Rashid Atta Khan, Khalisanni Khalid (2013). Study the Effect of Imposing Surfactants toward the Evaporation of Low Molecular Weight Alcohol. International Journal of Environmental Science and Development, 4(4), 403-407.
(non-ISI/non-SCOPUS)

- H.H. Mhammad, Sharifuddin Mhd Zain, Rashid Atta Khan, Khalisanni Khalid (2014). Analysis of Physicochemical Properties of Low Mlecular Weight Alcohols influenced by Triton-X Mbnolayer(s) using Reversed Flow-Gas Chromatography (RF-GC) Technique. Journal of Food, Agriculture & Environment (Accepted for publication)
(ISI/SCOPUS, 2012 Impact Factor: 0.435 (Q4) (2012 Journal Citation Report® Science Edition (Thomson Reuters, 2015)))
- H.H. Mhammad, Khalisanni Khalid, Sharifuddin Mhd. Zain (2014). Transport Phenomena and Evaporation on Interface of Gas-Liquid by Reversed-Flow Gas Chromatography, Asian Journal of Chemistry 26(23), 7871-7876. doi: 10.14233/ajchem.2014.16693
(ISI/SCOPUS, 2013 Impact Factor: 0.355 (Q4) (2013 Journal Citation Report® Science Edition (Thomson Reuters, 2015)))
- H.H. Mhammad, Sharifuddin Mhd. Zain, Rashid Atta Khan, Khalisanni Khalid (2014). Establishment of physicochemical measurements of water polluting substances via flow perturbation gas chromatography, Sains Malaysiana 43(12), 1915-1925.
(ISI/SCOPUS, 2013 Impact Factor: 0.480 (Q3) (2013 Journal Citation Report® Science Edition (Thomson Reuters, 2015)))
- H.H. Mohammad, Khalisanni Khalid (2015). Influence of Surfactant Monolayer(s) On The Evaporation of Liquid Pollutants, Studied By Reverse-Flow Gas Chromatography, Oriental Journal of Chemistry (Accepted for Publication, Serial No.: OJC/9821/15)
(SCOPUS)

CONFERENCE PARTICIPATION

No	Event	Title of Paper Presented	Organizer
1	5 th UM-NUS-CU Trilateral Mni Symposium and Scientific Meeting 2014	The Influence of Triton X-100 on the Evaporation Rate of Methanol – An analysis using Reversed Flow Gas Chromatography (RF-GC) Methodologies	Department of Chemistry, Faculty of Science, Universiti Malaya
2	2013 2 nd Journal Conference on Environmental Science and Development	Study the Effect of Imposing Surfactants toward the Evaporation of Low Mlecular Weight Alcohol	International Journal of Environmental Science and Development
3	Conference on International Higher Education 2013 (CIHE 2013)	Participant	Universiti Malaya/University of Wales/The Association of Commonwealth Universities

ACADEMIC WORKSHOP/SEMINAR ATTENDED

No.	Date	Name of the workshop	Organizer
1.	26.02.2015	A Short Course on Mastering the Art of Journal Publication – A Versatile Approach	Universiti Teknologi Petronas
2.	06.01.2015	Train the Trainers: “Enhancing Research Visibility and Improving Citations”	Fakulti Alam Bina, Universiti Malaya
3.	18.10.2014	Kursus Tips dan Panduan Memasuki Perkhidmatan Awam	Akademi Suruhanjaya Perkhidmatan Awam (ASPA)
4.	11.07.2014	Workshop on How to Write a Better Thesis	Fakulti Kejuruteraan Mekanikal, Universiti Teknologi Malaysia
5.	21-22.06.2014	Two Days Workshop on Thesis Transformation into Journal Papers	MPWS Rich Resources
6.	13-15.06.2014	PhD & Master Dissertation Bootcamp	Institute of Graduate Studies, Universiti Malaya
7.	29.05.2014	EndNote X7 Workshop	Faculty of Medicine, Universiti Malaya
8.	04-05.02.2014	Two Days Workshop on Postgraduate Research Methodology	MPWS Rich Resources
9.	22.01.2014	Publication Marketing Tools “Enhancing Research Visibility and Improving Citations”	Fakulti Alam Bina, Universiti Malaya
10.	21.12.2013	Seminar Jom Hebat Pascasiswazah 3.0	MPWS Rich Resources
11.	20.12.2013	Literature Review Using ATLAS.ti 7	D’Anna hfotech Solution Sdn Bhd
12.	06.12.2013	Systematic Literature Review Method	D’Anna hfotech Solution Sdn Bhd
13.	02-04.12.2014	Three Days Workshop on High Impact Journal Writing and Publishing	MPWS Rich Resources
14.	23-24.11.2014	Publishing in ISI Journals	Panoply Consultancy
15.	09.11.2013	Thesis Proposal & Literature Review	International Islamic University Malaysia (IIUM)
16.	26.10.2013	One Day Workshop on Writing Research Proposal	MPWS Rich Resources
17.	10-11.10.2013	Two Days Workshop on Effective Journal Writing and Publication	MPWS Rich Resources
18.	28.09.2013	One Day Workshop on Writing Thesis & Journal Paper with Ease using LaTeX	MPWS Rich Resources
19.	14.09.2013	Half Day Course on Impact Factor Journal	DR CT Research Clinic

20.	07.09.2013	One Day Course on the Effective Use of Research Tools Box and Resources	MPWS Rich Resources
21.	24-25.08.2013	Literature Review backbone+research+steps workshop	Walijah Services
22.	04.07.2013	Atlas.ti 7: Auto Coding Approach in QDA software aided Literature Review	D'Anna Infotech Solution Sdn Bhd
23.	26.06.2013	Technical Writing and Publishing: A Structured Approach Using S.P.A.M	EduXplore Sdn Bhd
24.	05.06.2013	Scientific Writing Seminar – From Start to Finish	Helath and Translational Medicine Research Cluster
25.	25-26.05.2013	Two Days Workshop on Publication and Journal Writing	MPWS
26.	08.05.2013	Bengkel Sehari Penulisan Tesis Pantas & Pengurusan Artikel	MPWS
27.	15-16.04.2013	Intermediate and Advanced Data Analysis	Unit Lonjakan Pencapaian Akademik, Universiti Malaya

OTHER SEMINAR/WORKSHOP ATTENDED

Nb.	Date	Seminar/Workshop	Organizer
1.	18.10.2014	Kursus Tips dan Panduan Memasuki Perkhidmatan Awam	Akademi Suruhanjaya Perkhidmatan Awam (ASPA)
2.	20-21.05.2014	Seminar Pencerahan Tasawwur Ahli Sunnah Wa Al-Jamaah	MJAFAKAT, Malaysia
3..	15.02.2014	Bengkel Talaqqi Al-Fatihah Bersanad	Akademi Al-Baghdadi
4.	25-26.01.2014	Seminar dan Bengkel "Sokongan Kerohanian Kepada Pesakit"	Konsortium Hospital Islam Malaysia
5.	05.01.2014	Bengkel Speak & Lead, Conquer the World	Ibrah Paradigm Training & Consultancy
6..	02.11.2013	Seminar Magnet Al-Fatih	Ibrah Paradigm Training & Consultancy/Amin Idris Training Consultancy
7.	29.01.2005	Kursus Jangka Pendek Email & Internet	Kolej Komuniti, Sabak Bernam

8.	01-27.01.2005	Microsoft Publisher, Microsoft Power Point And Microsoft Access	Siang Hin Enterprise (Computer Training Group)(Binary Training Group)
9.	26-30.12.2004	Kursus Lanjutan ICT (Ms-Word, Ms-Excel, Rekabentuk dan Pembangunan Laman Web & English for ICT and Powerpoint)	Suruhanjaya Komunikasi dan Multimedia Malaysia, Maxis Communication Berhad dan Yayasan Pendidikan & Vokasional Wanita Malaysia
10.	02.08.2004	Program Binahsan Negeri Selangor	Kerajaan Negeri Selangor

EDUCATION BACKGROUND

2013-2015

UNIVERSITY OF MALAYA

Master of Science (research mode). Pass (No Grading)

Research Area: Analytical Chemistry

Thesis Title: THE STUDY OF SURFACE PHYSICO-CHEMICAL PROPERTIES OF ALCOHOL-WATER MIXTURES USING REVERSE-FLOW GAS CHROMATOGRAPHY

2007-2011

UNIVERSITY OF MALAYA, KUALA LUMPUR

Bachelor (Honors) In Science And Education (Chemistry). CGPA : 3.50

2005-2006

CENTRE FOR FOUNDATION STUDIES IN SCIENCE, UNIVERSITY OF MALAYA, KUALA LUMPUR

Foundation Studies in Science (Biological Science). CGPA : 4.00

2000-2004

SEKOLAH MENENGAH KEBANGSAAN TUNKU ABDUL RAHMAN PUTRA, SABAK BERNAM

Sijil Pelajaran Malaysia (2004). 11 A's (10A1 & 1A2)

Penilaian Menengah Rendah (2002). 8A's

CO-CURRICULUM ACTIVITIES

- Festival Seni Universiti Malaya 2006/2007 and 2007/2008 (dancer)
- Debat Terbuka ASTAR 2008/2009 (runner)
- Fiesta Hari Terbuka ASTAR 2008/2009 (committee member)
- Kelab Penyayang ASTAR 2008/2009 (committee member)
- Social visit to orphanage/Rumah Kanak-kanak AIDS and HIV (PERNIM) (volunteer)

COMPUTER SKILLS

- Office/Business Application - Ms Office
- Windows
- Microsoft Word
- Internet-Lotus.HTML, Internet Explorer, Netscape

LANGUAGES

- Good command in English and Malay (spoken and written)

PROFESSIONAL AFFILIATION/MEMBERSHIP

ROYAL SOCIETY OF CHEMISTRY, U.K., Affiliate Member, 2015 (International)

ADDITIONAL INFO

- Salary expected : RM2000 and above
- Availability : Immediately
- Health Condition : Good
- Current Earnings : RM1200

REFEREES

LECTURER

Professor Dr. Sharifuddin Mohd. Zain,
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Department of Chemistry,
Faculty of Science, University of Malaya,
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RESEARCHER OFFICER MARDI

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