

# CURRICULUM VITAE

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## ACADEMIC QUALIFICATION

(Institute),(Qualification),(Discipline),(Year)

University Putra Malaysia, , , 2012

## PROFESSIONAL QUALIFICATIONS

(Qualification),(Discipline),(Awarding Institute),(Year Awarded).

## PREVIOUS APPOINTMENT

(Post),(Organisation),(From)-(Until)

Marketing and technical manager, Humibox (M) Sdn. Bhd., April 2004-July 2008

## ADMINISTRATIVE DUTIES

(Role),(From)-(Until),(Level), (Organisation)

Ahli, January 2015, Present, D, Jawatankuasa Semakan Soalan, PPSTM

pembentukan program master of tropical pest management, June 2015, Present, U,  
Jawatankuasa Pembentukan Program master of Tropica

## RESEARCH

(Project title),(Role in project),(From)-(Until),(Source),(Level).

Screening of Silicate-Solubilizing Rhizobacteria with Plant Growth Promoting Properties and Antagonistic Activities Against Rhizoctonia solani, October 2012 - December 2014, Kementerian Pendidikan Malaysia, National

The interaction of physical barrier and biochemical mechanisms in Si-mediated rice plant against Pyricularia oryzae, June 2014 - In Progress, Kementerian Pendidikan Malaysia, National

The effect of liquid lime on rice seedlings, December 2014 - June 2015, Humibox (M) Sdn. Bhd., National

## PROFESSIONAL AFFILIATIONS

(Client),(Role),(From)-(Until).

Universiti Malaysia Terengganu, Lecturer, November 2012 - Present

## EXPERT TECHNICAL/CONTRIBUTION

(Activity),(Client),(Role),(From)-(Until),(Level).

Project Kawalan Bersepadu Perosak dalam Tanaman Kontan (cash crop) bagi Komuniti Di Bukit Kor, Komuniti Bukit Kor, Advisor, December 2015 - December 2015, International

Pelaksanaan bengkel Mikrobiologi dan molekular 2016, Coordinator, December 2015 - January 1970, International

## AWARD AND RECOGNITIONS

(Awards),(Awarding Institute),(Year),(Level).

## KEYNOTE ADDRESS / INVITED SPEAKER

(Title),(Event),(Venue),(Organizer),(Date),(Level).

## INTELLECTUAL PROPERTY RIGHTS

(Product),(Type),(Year),(Year Awarded).

## UNPATENT INTELLECTUAL PROPERTY RIGHTS

(Product),(Type),(Reg. No),(Owner),(Cost)

## PUBLICATIONS

(Publication),(Level).

### Articles in Journals

Ng. L. C., Sariah, M., Sariam, O., Radziah, O. and Zainal Abidin, M. A., (2012), *Rice seed bacterization for promoting germination and seedling growth under aerobic cultivation system*, Australian journal of crop science, Vol 6(1) : 170-175

L.C. Ng., M. Sariah., O. Sariam., O. Radziah.and M.A. Zainal Abidin., (2012), *Bioefficacy of microbial-fortified rice straw compost on rice blast disease severity, growth and yield of aerobic rice*, Australasian Plant Pathology, Vol 41(5) : 541-549

Main authors: Wahizatul, A. A.

Co authors: Ngadin, A. Ng, L. C., Pong, K. K., (2013), *Identifications and characterization of fungi associated with red palm weevil, Rhynchophorus ferrugineus: A microscopy study*, Malaysia Journal of Microscopy, Vol 9 : 127-732

L. C. Ng, M. Sariah, O. Sariam, O. Radziah, and M. A. Zainal Abidin, (2015), *PGPM-induced defense-related enzymes in aerobic rice against rice leaf blast caused by Pyricularia oryzae*, Crop Protection, Under Review

L. C. Nga, M. Sariah, O. Radziah, M. A. Zainal Abidin and O. Sariam, (2015), *Development of microbial-fortified rice straw compost to improve plant growth, productivity, soil health and rice blast disease management of aerobic rice*, Compost Science & Utilization, Under Review

L.C. Ng, A. Ngadin, M. Azhari and N.A. Zahari, (2015), *Potential of Trichoderma spp. as Biological Control Agents Against Bakanae Pathogen (Fusarium fujikuroi) in Rice*, Asian Journal of Plant Pathology

### **Articles in Proceedings**

L. C. Ng, M. Sariah, O. Sariam, O. Radziah and M. A. Zainal Abidin (2009), *In vitro screening of rhizosphere and phyllosphere microorganisms as plant growth enhancer and antagonistic against Magnaporthe grisea.*, The Agriculture Congress, 01/01/2009, 01/01/2014, The Mines and the Golden Horses Resorts.

Ng Lee Chuen, Andrew Ngadin, Munirah binti Azhari and Nura Adila binti Zahari (2014), *BIOLOGICAL CONTROL POTENTIAL OF Trichoderma spp. AGAINST BAKANAE PATHOGEN (Fusarium fujikuroi) IN RICE*, 32nd Symposium of the Malaysian Society for Microbiology (SMSM2014), 06/12/2014, 08/12/2014, Terengganu Equestrian Resort (TER), Terengganu, Malaysia

### **General Publications**

Ng Lee Chuen, (2014), *Efficiency of plant growth-promoting rhizobacteria (PGPR) to promote early establishment of rice seedling cultivated under aerobic system*, UMT, 4, 01/11/2014

### **EXPERT LINKAGES**

(Client),(Linkage),(Year Involve),(Duration),(Level Award).

### **ACADEMIC PROJECT SUPERVISION**

(Student's Name),(Degree),(Thesis Title),(Year Awarded).

Nurfarahin binti Ismail, Bachelor, Research title: Biocontrol potential of Pseudomonas fluorescent against bakanae pathogen (Fusarium fujikuroi) from rice., 2013

Munirah binti Azhari, Bachelor, Research title: Biocontrol potential of Trichoderma spp. against bakanae pathogen (Fusarium fujikuroi) from rice., 2013

Siti Nur Anis, Bachelor, Screening of silicate-solubilizing rhizobacteria with plant growth promoting properties and antagonistic activities against Rhizoctonia solani., 2013

Nurfatin Farhana Rusli, Bachelor, Effect of silicon sources against Rhizoctonia solani and growth of aerobic rice., 2013

Jong Jia Wen, Bachelor, Effect of silicon solubilizing bacteria against rice sheath blight disease (Rhizoctonia solani)., 2014

Nura Adila Bt Zahari, Bachelor, Effect of Trichoderma spp. on suppression of Bakanae pathogen (Fusarium fujikuroi) on rice., 2014

Syuhada Bt Mat Rosli, Bachelor, Effect of *Pseudomonas fluorescens* on suppression of *Bakanae* pathogen (*Fusarium fujikuroi*) on rice., 2014

Haqiya Nurain Bt Hamidun, Bachelor, Effect of silicon solubilizing bacteria on growth of rice, 2014

Mohamad Najmi bin Moin, Bachelor, ISOLATION AND IDENTIFICATION OF POTENTIAL PATHOGENIC FUNGI FROM APPLE GOLDEN SNAIL (*POMACEA* SPP.), 2015

Lim Sze Ly, Bachelor, The effect of liquid lime in early establishment of rice seedling cultivated in acid sulphate soil., 2015

Siti Nabilah Ismail, Bachelor, Effectiveness of Fungi to control water deficit for agricultural crop improvement, 2015

Rul Hajar Binti Muda, Master, THE POTENTIAL OF *PSEUDOMONAS FLUORESCENS* IN CONTROLLING CHILLI WILT DISEASE CAUSED BY *RALSTONIA SOLANACEARUM* UNDER VARIOUS SOIL pH CONDITIONS, N/A

Muhammad Shahrul Hafiz Bin Elham, Master, Physical Barrier Mechanism of Si-mediated Rice Against *Pyricularia oryzae*, N/A

Nura Adila Binti Zahari, Master, Biochemical Reaction Of Si-Mediated Rice Plants Challenged Inoculation With *Pyricularia oryzae*, N/A

Mohamad Firdaus bin Ahmad Rushdi @ Fauzi, Bachelor, The effect of foliar silicon application on suppression of vascular wilt disease and post harvest quality in Roselle (*Hibiscus sabdariffa* L.), N/A

Nurfaizzati Nadia binti Zaini, Bachelor, The effect of silicon on suppression of vascular wilt disease and post harvest quality in Roselle (*Hibiscus sabdariffa* L.), N/A

Wan Aqilah bt Ismail, Bachelor, The effect of compost in control of vascular wilt disease caused by *Fusarium* sp. in Roselle (*Hibiscus sabdariffa* L.), N/A

Nur Syuhada Zanurin, Bachelor, The effect of fluorescent *Pseudomonads* on suppression of vascular wilt disease in Roselle (*Hibiscus sabdariffa* L.), N/A

Nur Shahidah binti Mohamed Yasen, Bachelor, The effect of silicon in chilli wilt disease caused by *Rhizoctonia solani*, N/A

Nur Atiqah binti Maznan, Bachelor, Biocontrol potential of fluorescent *Pseudomonads* against rice blast disease caused by *Pyricularia oryzae* in aerobic rice cultivation, 2015

Nurul Husna binti Umor, Bachelor, The species resistance of Roselle (*Hibiscus sabdariffa* L.) against *fusarium* vascular wilt disease, N/A

## **SUBJECT TAUGHT**

(Subject),(Session),(Credit Hour),(Student Level),(Organisation).

TEKNOLOGI PENGELUARAN PERTANIAN DAN MAKANAN, Sem I 2015/2, 3, 40, 3, PPSTM

POMOLOGI, Sem I 2015/2, 3, 79, 3, PPSTM

Anatomi Dan Fisiologi Tumbuhan, Sem I 2014/5, 3, 92, 3, PPSTM

Genetic (K2), SemII 2013/4, 4, 90, 3, PPSA and PPSTM (1st April 2014)

Genetic (K4), SemII 2012/3, 4, 82, 3, Universiti Malaysia Terengganu

Basic Physiology, Sem I 2012/3, 3, 108, 3, Universiti Malaysia Terengganu

### **EXPERT CONSULTATION**

(Consultation),(Role),(Client),(Level), (From - Until), (Cost).

Program Amalan Pertanian Baik (GAP) bersama Komuniti Peatani di Bukit Kor, Marang, Terengganu, Researcher, Komuniti Bukit Kor, November 2015 - December 2015

projek kawalan bersepadu makhluk perosak dalam tanaman kontan (cash crop) bagi komuniti di bukit kor, Project Leader, komuniti bukit kor, December 2015 - December 2015, 40000

### **COMMERCIALIZATION**

(Comm. Type),(Industry Type),(Product),(Company Name),(Comm. Value).

### **EXPO/EXHIBITION**

(Expo),(Venue),(Organizer),(Level),(Date),(Cost).

Fungi day, foyer PPSTM, Department of Agro Technology, National, 27/05/2014

inovasi umt 2015, Dewan Sultan Mizan, National, 12/05/2015

Hari Terbuka PPSTM 2015, PPSTM, National, 15/06/2015

Fiesta agrotek 2015, makmal penyelidikan luar, ppst, Agrotek, National, 12/09/2015

### **EXTERNAL/INTERNAL/INDEPENDENT EXAMINER**

(Candidate/Body),(Degree Level),(Role),(From)-(Until).

### **EXTERNAL REVIEWER/EDITORIAL**

(Activity),(Role),(From)-(Until)

Malaysian journal of Microbiology, Reviewer, 01/09/2015 - 01/09/2015

proceeding of post graduate seminar 2015, Editor, 01/08/2015 - 01/08/2015

### **ATTENDED COURSE/SEMINARS**

(Name of Seminar/Course),(Role),(From)-(Until),(Place),(Title of Paper Presented - if applicable).

Taklimat Sumber Manusia - Pengesahan Jawatan Dan Pemberian Taraf Berpencen, 22/01/2014 - 22/01/2014, UMT

Seminar Harta Intelek, 23/01/2015 - 23/01/2015, umt

Advanced Fluorescence Microscopy Workshop : Opsectioning With Apotome.2, 26/02/2014 - 27/02/2014, umt

Taklimat Hirsch Index (H-Index), 27/02/2014 - 27/02/2014, UMT

Bengkel Penerbitan Monograf 2014, 19/03/2014 - 19/03/2014, Primula hotel, KT

Program Syarahan Tahunan Naib Canselor Umt Pada 23 April 2014, 23/04/2014 - 23/04/2014, UMT

Program Latihan Pengisian Sasaran Kerja Tahunan (Skt) Pegawai Alademik Ppstm, 23/06/2014 - 23/06/2014, UMT

Program Bicara Akademik : Penerbitan Dalam Jurnal Isi Oleh Prof. Dr. Mustafa Mat Deris, 24/06/2014 - 24/06/2014, UMT

Program Transformasi Minda Bagi Kumpulan Pengurusan Dan Profesional Dan Kumpulan Sokongan Kali Kedua (Bil. 1 Tahun 2014), 08/08/2014 - 13/08/2014, Pantai Demong Resort, Besut, Kelantan

Bengkel Hala Tuju Pusat Pengajian Sains Dan Teknologi Makanan, 20/08/2014 - 20/08/2014, TH hotel, KT

Akept Strategic Leadership Development In Learning Assessment (Level 1), 29/09/2014 - 01/10/2014, AKEPT, Bangi, KL

Seminar Penyeliaan Pelajar Siswazah Ppstm, 19/10/2014 - 19/10/2014, UMT

32nd Symposium Of The Malaysian Society For Microbiology (Smsm) 2014, Oral presenter, 06/12/2014 - 08/12/2014, TER, KT, BIOLOGICAL CONTROL POTENTIAL OF Trichoderma spp. AGAINST BAKANAE PATHOGEN (Fusarium fujikuroi) IN RICE

Bengkel Penyeliaan Siswazah, Pusat Pengajian Sains Asas, 21/12/2014 - 21/12/2014, PPSA, UMT

Bengkel pemantauan berpusat bagi pengesanan awal perosak penyakit padi, 25/03/2015 - 25/03/2015, Fakulti Pertanian UPM

Program Fellow Utama Adjung Oleh Datuk Abd. Shukor Abd. Rahman Pada 27 April 2015, 27/04/2015 - 27/04/2015, UMT

Bengkel Pemantapan Pengajaran Dan Pembelajaran Ppstm, 11/05/2015 - 11/05/2015, UMT

Bengkel Pemantapan Pengajaran Dan Pembelajaran Ppstm, 11/05/2015 - 11/05/2015, UMT

Seminar Kesedaran Harta Intelek Sempena Inovasi@Umt 2015, 12/05/2015 - 12/05/2015, UMT

Syarahan Umum Bertajuk "Support For Technology Transfer & Commercialization"; Sempena Inovasi@Umt 2015, 13/05/2015 - 13/05/2015, UMT

Program Latihan Amali Mod Blended Learning Ppstm, 21/05/2015 - 21/05/2015, UMT

Taklimat Dan Perasmian Jaringan Penyelidikan Awam-Swasta (Pprn) Peringkat Negeri Terengganu, 16/06/2015 - 16/06/2015, UMT

Bengkel Hala Tuju Pusat Pengajian Sains Dan Teknologi Makanan 2015, 13/07/2015 - 13/07/2015

Siri Jelajah Bengkel Icgpa Siri 1 Ppstm Pada 9 Ogos 2015, 09/08/2015 - 09/08/2015, umt

Bicara Tokoh Oleh Ybhg. Dato' Prof. Emeritus Dr. Makhdzir Bin Mardan Anjuran Program Sains Tanaman, Ppstm Pada 10 Ogos 2015, 10/08/2015 - 10/08/2015, UMT

Siri Jelajah Bengkel Icgpa Siri li Ppstm Pada 16 Ogos 2015, 16/08/2015 - 16/08/2015, UMT

Akept Learning And Teaching Circle (A-Ltc): Learning Assessment (Level 2), 25/08/2015 - 26/08/2015, Akept

Seminar Penulisan Dan Penerbitan Artikel Jurnal Dalam Bidang Sains Tanaman, Ppstm, 02/09/2015 - 02/09/2015, UMT

Program Syarahan Fellow Utama Adjung , Ppstm Pada 25 November 2015, 25/11/2015 - 25/11/2015, UMT

Bengkel Aras Kognitif Soalan Dan Pengisian Jadual Spesifikasi Soalan Ppstm 2015, 01/12/2015 - 01/12/2015, UMT

Seminar Penulisan Proposal Geran Penyelidikan Dalam Bidang Pertanian 'Writing A Winning Grant Proposal', 22/12/2015 - 22/12/2015, UMT

## **PROFFESIONAL DEVELOPMENT**

(Name of Training),(From)-(Until),(Place),(Sponsor).

## **INTERNSHIP SUPERVISION**

(Student Name),(Organisation),(From)-(Until)

Guillaume DAUFOUY, Universit?? de Bretagne Sud (UBS) ??? Lorient, FANCE, 01/04/2015 - 30/06/2015

Matthieu Sotto, Universit?? de Bretagne Sud (UBS) ??? Lorient, FANCE, 01/04/2015 - 30/06/2015

## **STUDENT ADVISORY**

(Matric),(Student),(From)-(Until).

UK31148, Nur Atirah Syahira Binti Rosli, 01/09/2013 - Present

UK31649, Nurmursyaiba Binti Omar, 01/09/2013 - Present

UK32028, Muhamad Fatihah Syafiq B. Abd Rahman, 01/09/2013 - Present

UK32177, Nur Shahidah Binti Mohamed Yasen, 01/01/2013 - Present

UK32423, Sri Handayani Binti Gunawan, 01/09/2013 - Present

UK32780, Siti Nor Azlin Binti Jefri, 01/09/2013 - Present

### **OTHER CONTRIBUTIONS**

(Activity),(Role),(From)-(Until),(Level).

Assessor for PPSTM postgraduate progress presentation, Evaluate student research progress, 22 December 2014 - 22 December 2014, National

Assessment of final year project proposal of Biodiversity Conservation and Management, Evaluate student research proposal, 09 December 2014 - Present, National

Assessment of final year project performance of students from Post harvest programme, Evaluate student research progress, 15 December 2014 - 15 December 2014, National

Bengkel pembangunan produk hiliran kelulut pesisir pantai Terengganu, sebagai AJK pengangkutan, 06 December 2014 - 07 December 2014, National

Assessment of final year project proposal presentation of Biodiversity Conservation and Management, Evaluate proposal presentation, 11 October 2014 - 11 October 2014, National

Crop science day, AJK pengangkutan, 22 September 2014 - 22 September 2014, National

Assessment of industry training report of students from Post harvest programme, Evaluate student report, 17 September 2014 - 17 September 2014, National

Assessor for PPSTM postgraduate proposal presentation, Evaluate student research proposal, 09 September 2014 - 09 September 2014, National

Assessor for PPSTM postgraduate progress presentation, Evaluate student research progress, 07 January 2015 - 07 January 2015, National

Assessment of final year project progress presentation of student from programme Biodiversity Conservation and Management, 21 March 2015 - 21 March 2015, National

Assessment of final year project presentation of student from PPSTM, 25 April 2015 - 25 April 2015, National

Inovasi UMT, Juri, 06 May 2015 - 06 May 2015, National

Assessment of internship final project report presentation of student from universiti De Bretagne-sub, Perancis, 07 May 2015 - 07 May 2015, National



Assessment of internship research proposal presentation of student from universiti De Bretagne-sub, Perancis, 09 April 2015 - 09 April 2015, National

Assessment of final year project presentation of student from postharvest PPSTM, 31 May 2015 - 31 May 2015, National

Assessor for PPSTM postgraduate progress presentation, seminar day, Assessor, 02 August 2015 - 02 August 2015, National

Assessment of industry training report of student from postharvest PPSTM, Assessor, 24 August 2015 - 24 August 2015, National

Assessment of final year project proposal report of student from Science Biology (PPSA), 04 November 2015 - 05 November 2015, National

Assessment proposal of final year project presentation of student from postharvest PPSTM, 07 November 2015 - 07 November 2015, National

Assessment of final year project proposal presentation of student from Science Biology (PPSA), 13 December 2015 - 13 December 2015, National

Assessment of final year project proposal report of student from postharvest PPSTM, 03 December 2015 - 23 December 2015, National