

CURRICULUM VITAE

Name : SAFIAH BINTI JASMANI
Department : INSTITUTE OF AQUACULTURE TROPICA
Post : LECTURER
Gender : FEMALE
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Nationality : MALAYSIA
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ACADEMIC QUALIFICATION

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

The University of Tokyo, Ph.D., AQUATIC BIOSCIENCE, 2000

PROFESSIONAL QUALIFICATIONS

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

PREVIOUS APPOINTMENT

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

Researcher, Japan International Research Center for Agricultural Sciences, October 2004-September 2009

Fellow Researcher, Japan International Research Center for Agricultural Sciences, October 2000-September 2004

ADMINISTRATIVE DUTIES

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

Coordinator

Key Performance Index Documentation Preparation, December 2009, Present, F, Institute of Tropical Aquaculture, UMT

Coordinator

AKUATROP Annual Report, December 2009, Present, F, Institute of Tropical Aquaculture, UMT

A Committee member of Jawatankuasa Sebut Harga, January 2010, Present, F, Institute of Tropical Aquaculture, UMT

A Committee Member of Technical Higher Degree Training Program, August 2010, Present, F, Institute of Tropical Aquaculture, UMT

A Committee Member of CAP Center of Excellence, August 2010, Present, F, Institute of Tropical Aquaculture, UMT

Head of Aquatic Animal Physiology Unit, January 2010, Present, F, Institute of Tropical

Aquaculture, UMT

Coordinator ISO 17025, September 2011, Present, F, Institute of Tropical Aquaculture

Head of Program, February 2012, February 2014, F, Institute of Tropical Aquaculture, UMT

Ahli Jawatankuasa Pembangunan Kampus Lestari, January 2013, Present, U, Universiti Malaysia Terengganu

AREAS OF EXPERTISE

(Main),(Sub),(Area),(Keywords)

Biological Sciences, Physiology, Other physiology , (Crustacea,Reproductive physiology,Osmoregulation)

Agricultural Sciences, Aquaculture, Other aquaculture, (Shrimp Prawn Reproduction)

RESEARCH

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

Role of Prostaglandins in Breeding Capacity of *Macrobrachium rosenbergii* females in Captivity, January 2011 - In Progress, KPT, National

Chemo-therapy using *Melaleuca cajuputi* (gelam) extracts for parasites (*Lernaea* sp) controls in fish, August 2011 - In Progress, ERGS/KPT, International

Technology development and production of freshwater pearl culture in Malaysia, August 2011 - In Progress, ERGS/KPT, International

Study on artificial insemination, putative hormone and larvae feeding regimes of spiny lobster, *Panulirus polyphagus*, August 2011 - In Progress, ERGS/KPT, International

PROFESSIONAL AFFILIATIONS

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

EXPERT TECHNICAL/CONTRIBUTION

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

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

Kawazoe, I., Jasmani, S., Shih, T-W., Suzuki, Y. and Aida, K., (2000), *Purification and characterization of vitellin from the ovary of kuruma prawn, Penaeus japonicus.*, Fisheries Science, Vol 66 : 390-396

Tsutsui, N., Kawazoe, I., Ohira, T., Jasmani, S., Yang, W-J., Wilder, M.N. and Aida, K., (2000), *Molecular characterization of a cDNA encoding vitellogenin and its expression in the hepatopancreas and ovary during vitellogenesis in the kuruma prawn, Penaeus japonicus.*, Zoological Science, Vol 17(5) : 651-660

Jasmani, S., Kawazoe, I., Shih, T-W., Suzuki, Y. and Aida, K., (2000), *Hemolymph vitellogenin levels during ovarian development in in the kuruma prawn, Penaeus japonicus.*, Fisheries Science, Vol 66 : 535-539

Jayasankar, V., Tsutsui, N., Jasmani, S., Saido-Sakanaka, H., Yang, W-J., Okuno, A., Hien, T.T.T., Aida, K. and Wilder, M.N., (2002), *Dynamics of vitellogenin mRNA expression and changes in hemolymph vitellogenin levels during ovarian maturation in the giant freshwater prawn Macrobrachium rosenbergii.*, J. Experimental Zoology, Vol 293 : 675-682

Okuno, A., Yang, W-J., Jayasankar, V., Saido-Sakanaka, H., Huong, D.T.T., Jasmani, S., Atmomarsono, M., Subramoniam, T., Tsutsui, N., Ohira, T., Kawazoe, I., Aida, K. and Wilder, M.N., (2002), *Deduced primary structure of vitellogenin in the giant freshwater prawn Macrobrachium rosenbergii, and yolk processing during ovarian maturation.*, J. Experimental Zoology, Vol 29 : 417-429

Tsutsui, N., Saido-Sakanaka, H, Yang, W-J, Jayasankar, V., Jasmani, S., Okuno, A., Ohira, T., Okumura, T., Aida, K. and Wilder, M.N., (2004), *Molecular characterization of a cDNA encoding vitellogenin in the coonstriped shrimp, Pandalus hypsinotus and the site of vitellogenin mRNA expression.*, J. Experimental Zoology, Vol 301A : 802-814

Kim, Y.K., Kawazoe, I., Tsutsui, N., Jasmani, S., Wilder, M.N. and Aida, K., (2004), *Isolation and cDNA cloning of ovarian cortical rod protein in kurum prawn Marsupenaeus japonicus (Crustacea: Decapoda: Penaeidae).*, Zoological Science, Vol 21(11) : 1109-1119

Huong, D.T.T., Jayasankar, V., Jasmani, S., Saido-Sakanaka, H., Wigginton, A.J. and Wilder, M.N., (2004), *Na/K-ATPase activity during larval development in the giant freshwater prawn, Macrobrachium rosenbergii and the effects of the salinity on survival rates.*, Fisheries Science, Vol 70 : 518-520

Jasmani, S., Ohira, T., Jayasankar, V., Tsutsui, N., Aida, K. and Wilder, M.N., (2004), *Localization of vitellogenin mRNA expression and vitellogenin uptake during ovarian maturation in the giant freshwater prawn Macrobrachium rosenbergii.*, J. Experimental Zoology, Vol 301A : 334-343

Tsutsui, N., Kim, Y.K., Jasmani, S., Ohira, T., Wilder, M.N. and Aida, K., (2005), *Dynamics of vitellogenin gene expression differs between intact and eyestalk ablated kuruma prawn, Penaeus japonicus.*, Fisheries Science, Vol 71 : 249-256

Jayasankar, V., Jasmani, S., Tsutsui, N., Aida, K. and Wilder, M.N., (2006), *Dynamics of vitellogenin synthesis in juvenile giant freshwater prawn, Macrobrachium rosenbergii.*, J. Experimental Zoology, Vol 305A : 440-448.

Kim, Y.K., Kawazoe, I., Jasmani, S., Ohira, T., Wilder, M.N., Kaneko, T., Aida, K., (2007), *Molecular cloning and characterization of cortical rod protein in the giant freshwater prawn Macrobrachium rosenbergii, a species not forming cortical rod structures in the oocytes.*, Comp. Biochem. Physiol., Vol 148 : 184-191

Mekuchi, M., Ohira, T., Kawazoe, I., Jasmani S., Suitoh K., Kim Y.K., Jayasankar V., Nagasawa H., Wilder M.N., (2008), *Characterization and expression of the putative ovarian lipoprotein receptor in the kuruma prawn, Marsupenaeus japonicus.*, Zoological Science, Vol 25(4) : 428-437

Jasmani, S., Jayasankar, V. and Wilder, M.N., (2008), *Carbonic anhydrase and Na/K-ATPase activities at different molting stages of the giant freshwater prawn Macrobrachium rosenbergii.*, Fisheries Science, Vol 74(3) : 488-493

Jayasankar V., Jasmani, S., Nomura, T., Nohara, S., Huong, D.T.T. and Wilder, M.N., (2009), *Low Salinity Rearing of the Pacific white shrimp Litopenaeus vannamei: Acclimation, Survival and Growth of Postlarvae and Juveniles.*, The Japan Agricultural Research Quarterly, Vol 43(4) : 345-350

Wilder, M.N., Huong, D.T.T., Jasmani, S., Jayasankar, V., Kaneko, T., Aida K., Hatta, T., Nemoto, S. and Wigginton, A., (2009), *Hemolymph osmolality, ion concentrations and calcium in the structural organization of the cuticle of the giant freshwater prawn Macrobrachium rosenbergii: changes with the molt cycle.*, Aquaculture, Vol 29(1) : 104-110

Do Thi Thanh Huong, Safiah Jasmani, Vidya Jayasankar, Marcy Wilder, (2010), *Na/K-ATPase activity and osmo-ionic regulation in adult whiteleg shrimp Litopenaeus vannamei exposed to low salinities.*, Aquaculture, Vol 304 : 88-94

Jasmani, S., Jayasankar, V., Shinji, J. and Wilder, M.N. (, (2010), *Carbonic*

anhydrase and Na/K-ATPase activities during the molt cycle of low salinity -reared white shrimp Litopenaeus vannamei, Fisheries Science, Vol 76(2) : 219-225

A.J. Memon, M. Ikhwanuddin, A.D. Talpur, M.I. Khan, M.O. Fariddudin, J. Safiah and A.B. Abol-Munafi, (2011), *Optimization of spermatophores cryopreservation protocol of banana shrimp Penaeus merguensis (De Man, 1888).*, Journal of Animal and Veterinary Advances, Under Review

A.J. Memon, M. Ikhwanuddin, A.D. Talpur, M.I. Khan, M.O. Fariddudin, J. Safiah and A.B. Abol-Munafi, (2011), *To determine the efficiency of different fresh diets in improving the spermatophore quality of banana shrimp Penaeus merguensis (De Man, 1888)*, Journal of Animal and Veterinary Advances

Junpei Shinji, Tomoyuki Okutsu, Vidya Jayasankar, Safiah Jasmani, Marcy Wilder,, (2011), *Metabolism of amino acids during hyposmotic adaptation in the whiteleg shrimp, Litopenaeus vannamei*, Amino Acids, Under Review

A.J. Memon, M. Ikhwanuddin, A.D. Talpur, M.I. Khan, M.O. Fariddudi, J. Safiah and A.B. Abol-Munafi, (2011), *Development of shrimp holder device for artificial insemination of banana shrimp Penaeus merguensis (De Man, 1888)*, Research Journal of Applied Sciences, Under Review

A.J. Memon, M. Ikhwanuddin, A.D. Talpur, M.I. Khan, M.O. Fariddudin, J. Safiah and A.B. Abol-Munafi, (2011), *Assessment of Sperm Viability, Determination Fertilization Capacity and Hatching Rate by Artificial Insemination of Banana Shrimp, *Penaeus merguensis* (De Man, 1888)*, Research Journal of Applied Sciences, Vol 6(3) : 174-178

Memon, A.J. M. Ikhwanuddin, A.D. Talpur, M.I. Khan, M.O. Fariddudin, Jasmani, S and A.B. Abol-Munafi., (2012), *Optimization of spermatophores cryopreservation protocol of banana shrimp Penaeus merguensis (De Man, 1888).*, Journal of Animal and Veterinary Advances, Vol 11(10) : 1688-1704

Shinji J, Okutsu T, Jayasankar, V, Jasmani, S, Wilder MN., (2012), *Metabolism of amino acids during hyposmotic adaptation in the whiteleg shrimp, Litopenaeus vannamei.*, Amino Acids

Articles in Proceedings

Safiah Jasmani, Ichiro Kawazoe, Ohira Tsuyoshi, Naoaki Tsutsui, Katsumi Aida (2003), *Identification of vitellogenin synthetic site in the kuruma prawn Penaeus japonicus.*, Proceedings of International Commemorative Symposium, 70th Anniversary of the Japanese Society of Fisheries Science, 01/10/2003, 05/10/2003, Yokohama, Japan

S. Jasmani, V. Jayasankar, D.T.T. Huong, N. Tsutsui, M.N. Wilder (2004), *Regulation of egg hatching in the giant freshwater prawn, Macrobrachium rosenbergii.*, Fifth Congress of Asia and Oceania Society for Comparative Endocrinology, 26/03/2004, 30/03/2004, Nara, Japan

Safiah Jasmani and Marcy N. Wilder (2008), *Reproductive mechanisms and osmoregulatory control in the giant freshwater prawn Macrobrachium rosenbergii.* Giant Malaysian, Prawn International Seminar, Malaysian Fisheries Society, 28/03/2008, 29/03/2008, Kuala Lumpur, Malaysia

Safiah Jasmani, Vidya Jayasankar, Marcy N. Wilder (2008), *Carbonic anhydrase and Na/K-ATPase activities during the molt cycle in the giant freshwater prawn Macrobrachium rosenbergii and the marine shrimp Litopenaeus vannamei.* 2008), Fifth World Fisheries Congress, 20/10/2008, 24/10/2008, Yokohama, Japan

Jalilah M., Aizam Z.A. and Safiah J. (2011), *Growth and gonad development of climbing perch, Anabas testudineus, (Bloch, 1792)*, Proceedings of International Fisheries Symposium, 03/10/2011, 05/10/2011, Kuala Terengganu, Terengganu

Memon, A. J.*, Ikhwanuddin, M., Talpur, A. D., Fariddudin, M. O., Safiah, J., and Abol-Munafi, A. B. (2011), *EXAMINE OF DIFFERENT CRYOPROTECTANTS FOR SPERMATOPHORE CRYOPRESERVATION PROCESS OF BANANA SHRIMP Penaeus merguensis (De Man, ?1888)*, 9th Asian Fisheries & Aquaculture Forum, 21/04/2011, 25/04/2011, Shanghai, China

Anur A. Nagi, Safiah Jasmani, Mhd Ikhwanuddin, Marina Hassan (2011), *Effects of a methanolic extract of Melaleuca cajuputi on African Catfish (Clarias gariepinus)*, Proceedings of International Fisheries Symposium, 03/10/2011, 05/10/2011, Kuala Terengganu, Terengganu

Nadiah, W. N. *, Ikhwanuddin, M., Abol-Munafi, A. B., Laufer, H., Sung, Y.Y., and Safiah, J. (2011), *QUANTIFICATION OF METHYL FARNESOATE LEVELS IN BLUE SWIMMING CRAB, Portunus pelagicus (LINNAEUS, 1758) INDUCED BY EYESTALK ABLATION*, 9th Asian Fisheries & Aquaculture Forum, 21/04/2011, 25/04/2011, Shanghai, China

Nik Fairus Natakhain. Rahmat, and S. Jasmani. (2011), *Farm Size and Pond Management Evaluation of Intensive Shrimp (Litopenaeus vannamei) Production System in Malaysia*, Proceedings of Universiti Malaysia Terengganu 10th International Annual Symposium on Sustainability Science and Management, 11/07/2011, 13/07/2011, Kuala Terengganu, Terengganu

Siti Zuriati D, Mhd Ikhwanuddin, PA, Abol-Munafi AB, Safiah J. (2011), *Effects of probiotic and prebiotic on growth and survival rate of whire shrimp(Litopenaeus vannamei) reared in low salinity waters.*, Proceedings of

International Fisheries Symposium, 3-5 October, 2011, 03/10/2011, 05/10/2011,
Kuala Terengganu, Terengganu

Ahmad Daud Om, Abol-Munafi Ambok Bolong, YeongYik Sung and Safiah Jasmani
(2011), *Vitellogenin as biomarkers indicators in sex-reversal of Giant Grouper
(Epinephelus lanceolatus)*, Proceedings of International Fisheries Symposium, 03/10/2011,
05/10/2011

Anur, A. Nagi., Safiah Jasmani, Mhd Ikhwanuddin, Marina Hassan (2012),
*Histopathological study on the effects of methanolic extracts of melaleuca
cajuputi on African Catfish, Clarias gariepinus.*, The 12th Symposium of the
Malaysian Society of Applied Biology, 01/06/2012, 03/06/2012, Ri-Yaz Heritage
Marina Resort and Spa, Kuala Terengganu

EXPERT LINKAGES

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

ACADEMIC PROJECT SUPERVISION

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

Salah A.A. Shawash, Doctor of Philosophy, Effects of Melaleuca cajuputi extraction on
Lernaea sp infection and wound healing process of goldfish, N/A

Anur Abdalah Nagi, Doctor of Philosophy, Pathological studies of Melaleuca cajuputi
extract in African catfish, N/A

Memon Abdul Jabbar, Doctor of Philosophy, Standardization of spermatophores
cryopreservation protocols in banana shrimp Fenneropenaeus merguensis (de Man,
1988), N/A

Ahmad Daud Om, Doctor of Philosophy, Purification and characterization on giant
grouper (Epinephelus lanceolatus) and tiger grouper (Epinephelus fuscoguttatus), N/A

Nik Fairus Natakain Rahmat, Master, Farm size and pond management evaluation of
intensive shrimp production system in Malaysia, 2011

Abdullah Dauda Kida, Master, Effect of water temperature and salinity on growth of
juvenile tilapia sp, 2011

Siti Zuriati Daud, Master, Effect of prebiotics and probiotics on the growth, survival and
immune response of white shrimp Litopenaus vannamei cultured at different salinities,
N/A

Siti Jalilah Mohamad, Master, The reproductive biology and breeding of ikan puyu siam
Anabas testudineus (Bloch), N/A

Siti Hawa Ali, Master, Determination of levels and effect of molting hormone , 20-
hydroxyecdysone on The Molt Cycle of Mud Crab, Scylla tranquebarica using ecdysone
receptor'. N/A

Zalikha Azmi, Master, Triploidy induction in Anabas testudineus (Bloch) by cold and heat

shock treatments, N/A

Muhammad Hafiz Bahar, Master, Development of banana shrimp, *Fenneropenaeus merguensis* (Deman, 1988) monosex postlarvae (PL) production using estrogen hormone, N/A

Yee Woei Shyan, Bachelor, Effect of methyl farnesoate hormone on molting cycle of orange mud crab *scylla olivacea* (Herbst 1796), 2011

Teng Phei Yan, Bachelor, Effect of different cryoprotectant for spermatophores cryopreservation of orange mud crab *scylla olivacea* (Herbst, 1796), 2011

Noorjannah Ahamad, Bachelor, Lysozyme activity in epidermal mucus of blue streak cleaner wrass *Labroides dimidiatus*, 2011

Eirna Liza Nordin, Bachelor, Alkaline phosphatase activity in epidermal mucus of blue streak cleaner wrass *Labroides dimidiatus*, 2011

Juadilah Mohamad Johari, Bachelor, Protease activity in epidermal mucus of blue streak cleaner wrass *Labroides dimidiatus*, 2011

Azzakirat Abdul Raman, Bachelor, Observation on breeding performance of freshwater prawn, *Macrobrachium rosenbergii* in captivity, N/A

Nurul Nadiah Abd Jabar, Bachelor, Lipid and fatty acids profiles in ovary, hepatopancreas and hemolymph during ovarian maturation in female of giant freshwater prawn, *Macrobrachium rosenbergii*, N/A

Hazwani Hamid, Bachelor, Effect of age and salinity acclimation on survival, growth and osmoregulation of juvenile red tilapia *Oreochromis sp.*, N/A

Muhammad Syahri Buang, Bachelor, Effect of salinity and temperature on embryo development, hatching and survival of in vitro hatching of *Macrobrachium rosenbergii* eggs, N/A

Azma wanis Hussin, Bachelor, Breeding performance of female in all female population of *Macrobrachium rosenbergii* in captivity, N/A

Wan Noazira Wan Adnan, Doctor of Philosophy, Physiological effects of lemongrass (*Cymbopogon citratus*) essential oil as anaesthetic on *Macrobrachium rosenbergii*, N/A

Nor Juneta Abu Seman, Doctor of Philosophy, Physiological studies on molt cycle in mud spiny lobster *Panulirus polyphagus* (HERBST, 1793) larvae, N/A

Jannatul Fariyah Zulkifli, Master, The effect of fatty acids from crickets, *Gryllus bimaculatus* on reproductive performance of broodstock females of *Macrobrachium rosenbergii*, N/A

Nik Nurhusna Nik sin, Master, The effect of mealworm larvae (*Tenebrio molitor*) as protein source to the growth of red tilapia (*Oreochromis sp.*) fingerlings, 2012

Ahmad Farhan Zailudin, Master, Effect of formula variation in the properties of *Penaeus vannamei* pellet, 2012

Siti Zaharah Sulaiman, Master, Effects of salinity acclimation on osmopregulation process of red tilapia, *Oreochromis sp.*, 2012

Muhd Hilmy Abd Jamil, Master, Effect of formula variation of fish pellet to feeding response of tilapia *Oreochromis sp.* fingerlings, 2012

Muhammad Ashraf Abdul Rahman, Master, Effects of marking techniques on swimming ability and behaviour of *Barbonymus altus*, 2012

Mohamad Aslah Mohamad, Bachelor, Improving the growth and survival rate in post larvae of Pacific white shrimp, *Litopenaeus vannamei* reared in low salinity water by supplementation of Mg²⁺ and K⁺, N/A

Hidir Ariffin, Bachelor, Influence of natural carotenoid pigment on colouration and growth rate of *Lates calcarifer* (siakap), N/A

Mohd Farhan Bin Mohd Tahir, Bachelor, The Effect of Anthocyanin Extract from Butterfly Pea Flower (*Clitoria ternatea*) on Pigmentation of Sea bass (*Lates calcarifer*) and Nile Tilapia (*Oreochromis niloticus*), N/A

Fatiha Nur Hamidus, Bachelor, The effect of different level of *Porphyra sp.* as protein source to the growth rate of *Tilapia sp.*, N/A

Nur Nazihah Ismail, Bachelor, Feed formulation of *Macrobrachium rosenbergii* broodstock by using *Gryllus sp.* as a lipid source, N/A

Wan Nur Izyan Hasina Wan Zainal Abidin, Bachelor, The effects of fluctuation salinity to the growth of *Litopenaeus vannamei*, N/A

Nor Hazirah Mohd Zuki, Master, The Fluctuation and Gradual Increase of Salinity Enhance Stress Hormone and Blood Cell of *Tilapia (Oreochromis sp.)*, N/A

Siti Sarah Binti Che Salim, Master, Growth Rate of *Tilapia* Fingerlings, *Oreochromis spp.* In Response to The Temperature and Stocking Density Stress., N/A

Ummi Nazihah Binti Abdul Rahman, Master, Growth Response of Juvenile *Tilapia oreochromis niloticus* to Changes in Temperature and Ammonia Level, N/A

Mohamad Zaim Md Desa, Master, Pathological changes in trypanosoma sp infections of swamp eel (*Monopterus albus*, Zuiew 1793), N/A

SUBJECT TAUGHT

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

IKTIOFISIOLOGI, Semester 1, 3, 174, 3, Department of Fisheries Science and Aquaculture

Endocrinology of Aquatic Organism, Semester 2, 3, 19, 2, Institute of Tropical Aquaculture

EXPERT CONSULTATION

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

COMMERCIALIZATION

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

EXPO/EXHIBITION

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

EXTERNAL/INTERNAL/INDEPENDENT EXAMINER

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

Ahmad Muzaki, Sarjana Sains Akuakultur, Universiti Malaysia Terengganu, Internal, 01/07/2011

V. Dhanalakshmi, Doctor of Philosophy, Bharath University, Chennai, India, External, 01/08/2011

NORHIDAYAH BT ABDUL MANAN, Sarjana Sains Akuakultur, Universiti Malaysia Terengganu, Internal, 01/11/2011

Lim Keng Chin, Sarjana Sains Akuakultur, Universiti Malaysia Terengganu, Internal, 01/06/2012

Muhamad Eidyezani Shafie, Sarjana Sains Akuakultur, Universiti Malaysia Terengganu, Internal, 01/05/2012

Wan Mohd Faizal Wan Yusof, Sarjana Sains Akuakultur, Universiti Malaysia Terengganu, Internal, 01/07/2012

EXTERNAL REVIEWER/EDITORIAL

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

Fisheries Science, Reviewer, 01/05/2010 - 01/06/2010

Journal of Experimental Zoology Part A: Ecological Genetics and Physiology, Reviewer, 01/10/2010 - 01/11/2010

Fisheries Science, Reviewer, 01/03/2011 - 01/04/2011

Journal of Experimental Zoology Part A: Ecological Genetics and Physiology, Reviewer, 01/06/2012 - 01/06/2012

ATTENDED COURSE/SEMINARS

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

Asian Pacific Aquaculture Conference 2009, Participant, 03/11/2009 - 06/11/2009, Kuala Lumpur

Crustacean Organ Culture Course, Participant, 17/03/2010 - 30/03/2010, Japan International Research Center for Agricultural Sciences

ISO/EC 17025:2005 Course, Participant, 11/07/2011 - 19/07/2011, Shah Alam

PROFFESIONAL DEVELOPMENT

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

INTERNSHIP SUPERVISION

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

STUDENT ADVISORY

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

OTHER CONTRIBUTIONS

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

Documents preparation for 2009 Key Performance Indicator Evaluation, Coordinator, 17 December 2009 - 05 January 2010, National

MSc Project Presentation, Evaluator, 16 December 2009 - 16 December 2009, National

MSc. Struc. C Thesis, Examiner, 18 November 2009 - 22 November 2009, National

Final Year Project Proposal Presentation, Evaluator, 23 December 2009 - 23 December 2009, National

, 01 January 1960 - 01 January 1960, National