

# UNIVERSITI PUTRA MALAYSIA

MEDIATION EFFECT OF TRAINING MOTIVATION ON THE RELATIONSHIPS BETWEEN TRAINEE-, TRAINING PROGRAM-, AND ORGANIZATIONAL-CHARACTERISTIC SUPPORT AND OVERALL TRAINING EFFECTIVENESS

SITI FARDANIAH ABDUL AZIZ

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**DOCTOR OF PHILOSOPHY** 

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By

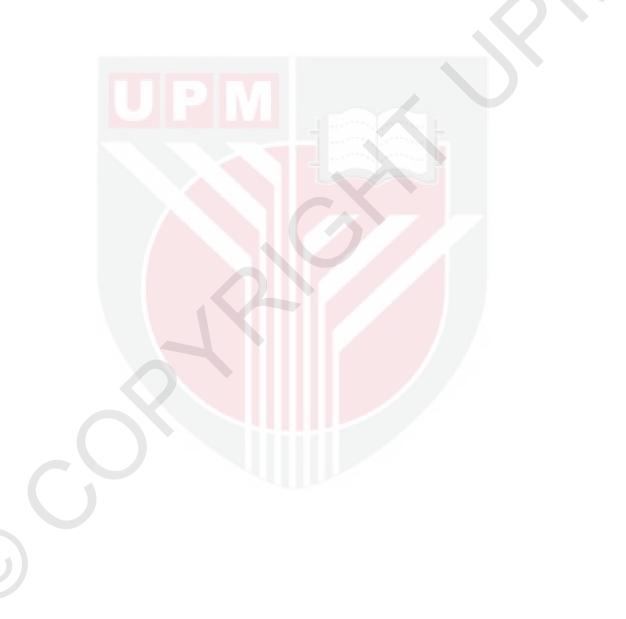
SITI FARDANIAH ABDUL AZIZ

Thesis Submitted to the School of Graduate Studies, Universiti Putra Malaysia, in Fulfilment of the Requirements for the Degree of Doctor of Philosophy.

June 2013

# DEDICATION

Dedicated to my beloved family, my husband and my sons for their support and patience during my study



Abstract of thesis presented to the Senate of the Universiti Putra Malaysia in fulfilment of the requirement for the Degree of Doctor of Philosophy

# MEDIATION EFFECT OF TRAINING MOTIVATION ON THE RELATIONSHIPS BETWEEN TRAINEE, TRAINING, ORGANIZATIONAL CHARACTERISTIC SUPPORT, AND OVERALL TRAINING EFFECTIVENESS

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SITI FARDANIAH ABDUL AZIZ

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Chairman: Shamsuddin Ahmad, PhD. Faculty: Educational Studies

Human resource development (HRD) field of study has emphasized the importance of training effectiveness; in which, training motivation is highlighted as an influential factor to determine training effectiveness. However, the existence of various types of training motivation makes it difficult to determine whether training motivation can play role as predictor and mediator. Therefore, the objective of the present research was to determine the prediction and mediation effect of comprehensive training motivation (CTM) on the relationships between trainee- (TCS), training program-(TPCS), and organizational- (OCS) characteristic support and overall training effectiveness (OTE) among academic staff in a public university in Malaysia. A research framework was developed by adapting and integrating motivational theory, training motivation model, training effectiveness model and previous researches to achieve the research objective. The research framework explains that CTM partially mediates the relationships between independent variables and OTE. In addition, the research used quantitative, survey, and prediction study. Respondents involved were 281 academic staff attended 17 general training programs provided by Centre for Academic Advancement in Universiti Kebangsaan Malaysia between April and July 2011. The instrument used in this research was checked for face validity, content validity, and constructs validity, as well as reliability, and confirmatory factor analysis. Data were analysed using structural equation modelling through SPSS and AMOS software; wherein, an exploratory data analysis was done to make sure the compliance of multivariate analysis assumption.

Findings found some variations in the respondents' background; in which, majority of respondents from various faculty/department have attended training as an option. Findings also found that the measurement and structural model to test for the research framework had sufficient goodness of fit; in which, the full was better than the partial mediation model. Majority of respondents perceived high level of OTE, CTM, OCS, TCS, and TPCS. In addition, OTE had a significant and positive relationship with independent variables. Further, it was found that CTM significantly mediated the relationship between TPCS and OTE with full mediation effect. However, CTM did not significantly mediate the relationship between TCS and OTE. Additionally, CTM had a large effect on OTE ( $\beta = 0.645$ , p = .0001) and can explain 41% variance in OTE. Findings are consistent with some of previous research.

Findings of this research contributes to the HRD field of study by adding new findings to the body of knowledge and verifying similar findings as demonstrated in previous researches. This research is useful to inspire organization, future researcher, and the society to predict OTE by determining the level of CTM as an alternative of conducting rigorous training evaluation since the latter was expensive, complex, and time-consuming. Additionally, this research also offers a new perspective to improve training effectiveness by selecting the right TCS and TPCS, and providing the right OCS to stimulate training motivation that can be useful for future intervention. The research conclusion, implications, suggestions, and recommendations for future research are also discussed.

Abstrak tesis yang dikemukakan kepada Senat Universiti Putra Malaysia sebagai memenuhi keperluan untuk ijazah Doktor Falsafah

# KESAN PERANTARA MOTIVASI LATIHAN DALAM HUBUNGAN DI ANTARA PELATIH, LATIHAN, KRITERIA SOKONGAN ORGANISASI DAN KEBERKESANAN LATIHAN MENYELURUH

Oleh
SITI FARDANIAH ABDUL AZIZ
Jun 2013

Pengerusi: Shamsuddin Ahmad, PhD. Fakulti: Pengajian Pendidikan

Bidang pembangunan sumber manusia (HRD) telah menekankan kepentingan keberkesanan latihan di mana motivasi latihan di utarakan sebagai salah satu faktor yang berpengaruh dalam menentukan keberkesanan latihan. Namun, kewujudan pelbagai jenis motivasi latihan telah menyebabkan kesulitan dalam menentukan sama ada motivasi latihan benar-benar boleh berperanan sebagai peramal dan perantara. Oleh itu, objektif kajian ini adalah untuk menentukan kesan peramal dan perantara motivasi latihan yang komprehensif (CTM) di antara hubungan kriteria sokongan pelatih (TCS), program latihan (TPCS), dan organisasi (OCS) dengan keseluruhan keberkesanan latihan (OTE) dalam kalangan staf akademik di sebuah universiti awam di Malaysia.

Satu rangka kajian telah dibangunkan dengan mengadaptasi dan mengintegrasikan teori motivasi, model motivasi latihan, model keberkesanan latihan, serta dapatan kajian-kajian lepas bagi mencapai objektif kajian ini. Rangka kajian tersebut menjelaskan bahawa CTM merupakan perantara separa di antara hubungan pemboleh ubah bebas dengan OTE. Selain itu, kajian ini juga menggunakan pendekatan kuantitatif, kaedah tinjauan, dan teknik ramalan. Responden yang terlibat merupakan staf akademik yang telah menghadiri 17 program latihan anjuran Pusat Pembangunan Akademik di Universiti Kebangsaan Malaysia, iaitu dari April hingga Julai 2011. Instrumen yang digunakan dalam kajian ini telah disemak dari segi kesahan muka, kesahan kandungan dan kesahan gagasan, di samping ujian kebolehpercayaan dan analisis pengesahan faktor. Data telah dianalisis menggunakan pemodelan struktur persamaan melalui perisian SPSS dan AMOS; di mana, analisis pengeriksaan data telah dijalankan untuk memastikan pematuhan prasyarat analisis multivariat.

Kajian ini mendapati bahawa terdapat kepelbagaian dalam latar belakang responden; di mana, majoriti responden dari pelbagai fakulti/ jabatan berlainan telah menghadiri latihan sebagai satu pilihan. Hasil kajian ini juga mendapati bahawa model pengukuran dan model struktur untuk menguji rangka kajian mempunyai tahap kebagusan sesuai (GOF) yang mencukupi; di mana, model perantara penuh adalah lebih baik berbanding model perantara separa. Majoriti responden mempersepsikan tahap yang tinggi bagi OTE, CTM, OCS, TCS, dan TPCS. Sebagai tambahan, OTE mempunyai hubungan yang signifikan dan positif dengan pemboleh ubah bebas. Selain itu, CTM merupakan perantara penuh yang signifikan dalam hubungan di antara TPCS dan OTE. Namun, CTM bukanlah perantara yang signifikan di antara hubungan TCS dan OTE, serta di antara OCS dan OTE. Tambahan pula, CTM boleh meramalkan OTE dengan kesan yang besar ( $\beta = .64$ , p = .0001), di mana CTM boleh menerangkan sehingga 41% varian di dalam OTE. Dapatan kajian ini adalah konsisten dengan beberapa kajian lepas.

Hasil kajian ini dapat menyumbang kepada bidang HRD dengan memberikan penemuan baru serta mengesahkan hasil kajian yang serupa sebagaimana yang digambarkan oleh kajian-kajian lepas. Kajian ini juga berguna sebagai inspirasi kepada organisasi, penyelidik akan datang, serta masyarakat untuk meramalkan OTE dengan menentukan tahap CTM sebagai alternatif kepada proses penilaian latihan yang ketat memandangkan penilaian latihan tersebut adalah sulit, kompleks dan mengambil masa yang lama. Sebagai tambahan, kajian ini juga menawarkan satu perspektif baru untuk meningkatkan keberkesanan latihan dengan memilih TCS dan TPCS yang sesuai, serta menyediakan OCS yang sesuai bagi merangsang motivasi latihan. Kesimpulan, implikasi dan cadangan untuk kajian akan datang juga dibincangkan.

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Finally, I would like to express my grateful to my beloved husband, sons, and family for their support during my study; thank you so much, I love you all.

I certify that a Thesis Examination Committee has met on **17 June 2013** to conduct the final examination of Siti Fardaniah Abdul Aziz on his (or her) thesis entitled "**Mediation Effect of Training Motivation on the Relationships between Trainee, Training, Organizational Characteristic Support, and Overall Training Effectiveness**" in accordance with the Universities and University Colleges Act 1971 and the Constitution of the Universiti Putra Malaysia [P.U.(A) 106] 15 March 1998. The Committee recommends that the student be awarded the Doctor of Philosophy.

Members of the Thesis Examination Committee were as follows:

### Ismi Arif Ismail, PhD

Associate Professor Faculty of Educational Studies Universiti Putra Malaysia (Chairman)

#### Abu Daud Silong, PhD

Professor Faculty of Educational Studies Universiti Putra Malaysia (Internal Examiner)

#### Khairuddin Idris, PhD

Associate Professor Faculty of Educational Studies Universiti Putra Malaysia (Internal Examiner)

## John Bruce Tracey, PhD

Professor School of Hotel Administration Cornell University at New York United State of America (External Examiner)

## NORITAH OMAR, PhD

Assoc. Professor and Deputy Dean School of Graduate Studies Universiti Putra Malaysia

Date: 16 August 2013

This thesis was submitted to the Senate of Universiti Putra Malaysia and has been accepted as fulfilment of the requirement for the degree of Doctor of philosophy. The members of the Supervisory Committee were as follows:

#### Shamsuddin Ahmad, PhD

Lecturer Faculty of Educational Studies Universiti Putra Malaysia (Chairman)

## Bahaman Abu Samah, PhD

Associate Professor Institute for Social Science Studies Universiti Putra Malaysia (Member)

### Sidek Mohd Noah, PhD

Associate Professor Faculty of Educational Studies Universiti Putra Malaysia (Member)

#### Norhasni Zainal Abiddin, PhD

Associate Professor Faculty of Educational Studies Universiti Putra Malaysia (Member)

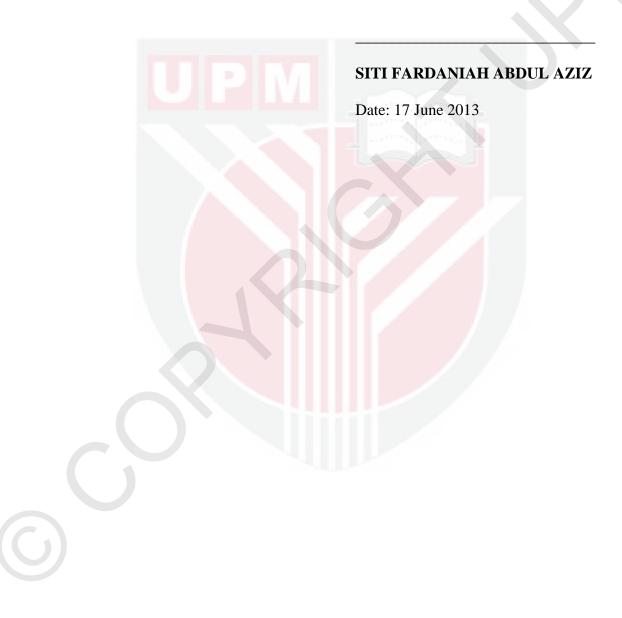
#### **BUJANG BIN KIM HUAT, PHD**

Professor and Dean School of Graduate Studies Universiti Putra Malaysia

Date:

## DECLARATION

I declare that the thesis is based on my original work except for quotations and citations which have been duly acknowledge. I also declare that it has not been previously and is not currently submitted for any other degree at Universiti Putra Malaysia or at any other institution.



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D Letter of acceptance for data collection from Academic Development Centre, Universiti Kebangsaan Malaysia (Malay Version)

- Е Consent forms as a juries for content validation process (Malay Version)
- F Instrument/ Questionnaires (Malay Version) BIODATA OF STUDENT LIST OF PUBLICATIONS

