

UNIVERSITI TEKNOLOGI MARA

**RELATIONSHIP BETWEEN PARTICIPATION IN
IN-SERVICE TRAINING PROGRAM AND
ACADEMIC COMPETENCIES AMONG SPORTS
SCIENCE UNIVERSITY LECTURERS**

ALI IBRAHIM ALI DAWO

Thesis submitted in fulfilment
of the requirement for the degree of
Doctor of Philosophy

Faculty of Sport Science and Recreation

March 2015

CONFIRMATION BY PANEL OF EXAMINERS

I certify that a panel of examiners has met on 1th December 2012 to conduct the final examination of Ali Ibrahim Ali Dawo on his Doctor of Philosophy thesis entitled “Relationship between participation in in-service training program and academic competencies among sport science university lecturers” in accordance with Universiti Teknologi MARA Act 1976 (Akta 173). The Panel of Examiners recommends that the student be awarded the relevant degree. The panel of Examiners was as follows:

Datin. Sarimah Ismail, PhD
Senior Lecturer
Faculty of sport science & recreation
Universiti Teknologi MARA
(Chairman)

Noormala Dato' Amir Ishak, PhD
Professor
Faculty of Business management
Universiti Teknologi MARA
(Internal Examiner)

Azizan Asmuni, PhD
Professor
Faculty of Educational Studies
Universiti Putra Malaysia
(External Examiner)

Achmad Hudad, PhD
Professor
Faculty of Science Education
University Pendidikan Indonesia
(External Examiner)

SITI HALIJJAH SHARIFF, PhD
Associate Professor
Dean
Institute of Graduates Studies
Universiti Teknologi MARA
Date: 3rd March, 2015

AUTHOR'S DECLARATION

I declare that the work in this thesis was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the results of my own work, unless otherwise indicated or acknowledged as referenced work. This thesis has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Post Graduate, Universiti Teknologi MARA, regulating the conduct of my study and research.

Name of Student	:	Ali Ibrahim Ali Dawo
Student I.D. No.	:	2008277444
Program	:	Doctor of Philosophy (Sport Science & Recreation)
Faculty	:	Sport Science and Recreation
Thesis Title	:	Relationship between Participation in In-Service Training program and Academic Competencies among Sports Science University Lecturers
Signature of Student	:	
Date	:	March 2015

ABSTRACT

In-service training programs have emerged as an ideal training platform for lecturers in various universities to enhance their professional competencies. This becomes a necessity owing to the rapid advances that prompt the acquisition of knowledge to improve the lecturers' competencies especially in sports science. The purpose of this study lies in investigating the relationship between participation in in-service training programs and academic competencies among Sport Science Lecturers in Libya and Malaysia. The need for in-service training among lecturers based on their participation in in-service activities was based on participation in planning (PPL), participation in implementation (PIM) and participation in evaluation (PEV). The competencies of Lecturers place focus on the competencies in planning instruction (CPI), competencies in conducting instruction (CCI), competencies evaluating instruction (CEI) and competencies in facilitating student's growth (CFS). Previous studies were reviewed to support the arguments presented in this study using prominent theories such as the Perceptual Psychology Theory, Innovation Theory of planned behaviour (ITPB) and Contingency Theory. To achieve the objectives of this study, a quantitative study based on the survey questionnaire was used to collect primary data from 320 sports science lecturers within 11 Universities in Libya and Malaysia. Non-probability (purposive sampling) was used in this study for sampling selection. The results and findings were analysed using the Statistical Package Social Sciences (SPSS) and Analysis of Moment Structure (AMOS) Software. The final model goodness fit satisfactory explained the value of $\chi^2 = 498.637$. The NFI, TLI and GFI were above 0.90. The eleven (11) major hypothetical statements have some direct effects on selected variables such as CPI, CCI, CEI and CFS tested and they were significant at 0.00 level. Theoretically, this study inferred two mediating variables. Firstly, CCI fully mediated the relationship between CPI and CEI. Secondly, CEI partially mediated the relationship between CCI and CFS. The current study has indicated that the integration of in-service training programs among the sports science lecturers improved the levels of competency to facilitate student's growth. The results obtained in this study depict the increasing need that relates to planning, implementation and evaluation of in-service training programs as an ideal improvement pathway of lecturers' competency at various universities. This suggests that the sports science lecturers should pay more attention towards the participation in in-service training programs that aim at upgrading their respective professional competencies. The implementation of the results of this study in universities in Libya and Malaysia is set to enhance competencies of lecturers as well as student growth which are at the forefront of government educational policies.

ACKNOWLEDGEMENTS

In the name of Allah, The Most Gracious and The Most Merciful, I would like to express my sincerest gratitude to Allah S. W. T, for giving me His guidance and mercy. I thank Allah for responding to my prayers; for giving me the patience and knowledge essential for me to attain my degree.

Firstly, I would like to thank Dr Rozita Binti Abdul Latif, my principal supervisor. She is the most important person who has helped me overcome many difficulties in my study. Not only does she have good experience and knowledge in the field of sports management but she has also given her kind support and always encourages me to continue my study. I am extremely grateful to Dr Rozita for her great generosity in supporting me in my studies.

I also owe special gratitude to my co-supervisor Dr Tan Chee Hian. He has not only helped me from the start but also before the submission of my thesis. He spent his time reading the draft of the thesis and provided valuable comments and feedback; he made me aware that all the drafts of this thesis were crucial to the successful completion of this study.

Next, I would like to thank the Head of Postgraduate Studies at the Faculty of Sports Science & Recreation Datin Dr Hj Sarina Binti Md Yusof as she kindly presented her support and helped me brave through some of the most important phases in my academic journey, and to Dr Mahendran Appukutty for his great generosity and relentless support.

My sincere thanks also to all members of the Faculty of Sport Science & Recreation, also my utmost gratitude to all lecturers in the faculties of sport sciences in Libya and Malaysia, especially Dr. Salh Alawib, Dr Zainal Abidin Bin Zainuddin, Dr. Mohd Sobri Ismail and Dr Selina Khoo for helping me in collecting the required data.

Greatest thanks to all members of the University International Center (UIC), the Institute of Graduate Studies (IGS), especially Miss Nor Azianti Kamarudzaman. I am also thankful to all my friends Ibrahim Abdullah Ibrahim, and Charles Ahamefula Ubani for their concern and constructive comments about the progress of my work. Also, I cannot miss to mention my utmost gratitude to my Malaysian friends who truly have made Malaysia my home. I also would like to express my appreciation to the committee, who gave me suggestions and approval to pursue this study further. To Professor Noormala Dato' Amir Ishak and Professor Azizan Asmuni who had edited, offered words of encouragement, had helped me to get started again and accompany and guide me through to the end.

Lastly, my heartiest thanks to my parents and all my siblings for their support and encouragement for my staying away from home to study away from the country. For their care and loving, also admirable understanding during my long absence I also must thank my wife and my daughters for standing by me and supporting me to this very day.