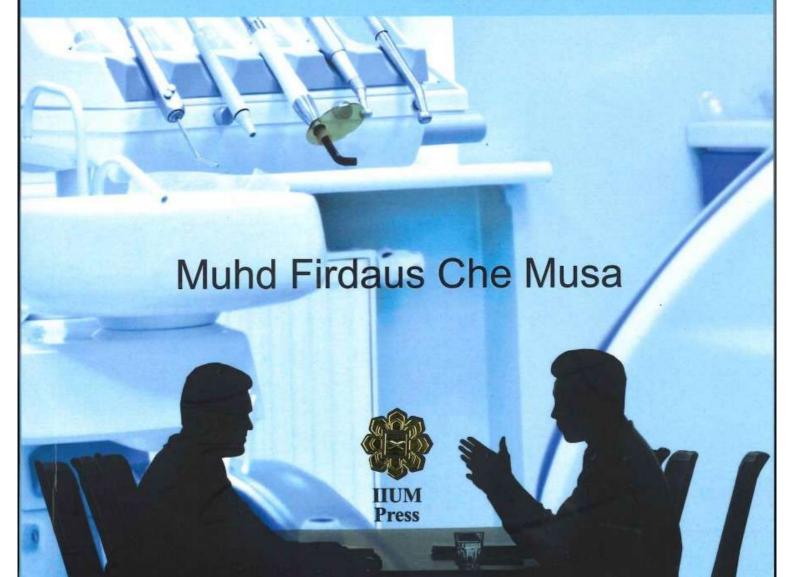


Career Motivation and Expectations Amongst Senior Dental Students



The Dental Workforce in Malaysia

Career Motivation and Expectations Amongst Senior Dental Students

Muhd Firdaus Che Musa



Gombak • 2020

First Print, 2020 © IIUM Press, IIUM

IIUM Press is a member of the Majlis Penerbitan Ilmiah Malaysia - MAPIM
(Malaysian Scholarly Publishing Council)
Persatuan Penerbit Buku Malaysia - MABOPA
(Malaysian Book Publishers Association)
No. of Member - 201905

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without any prior written permission of the publisher.

Perpustakaan Negara Malaysia

Cataloguing-in-Publication Data

Muhd. Firdaus Che Musa

THE DENTAL WORKFORCE IN MALAYSIA: CAREER MOTIVATION AND EXPECTATIONS AMONGST SENIOR DENTAL STUDENTS / Muhd Firdaus Bin Che Musa. ISBN 978-967-491-040-2

- 1. Dentistry--Research--Malaysia.
- 2. Dentists--Research--Malaysia.
- 3. Employee motivation--Research--Malaysia.
- 4. Education, Higher--Research--Malaysia.
- 5. Government publications--Malaysia.
- I. Title.

617.600720595

Published in Malaysia by
IIUM Press
International Islamic University Malaysia
P.O. Box 10, 50728 Kuala Lumpur, Malaysia

Printed in Malaysia by Alamedia Sdn. Bhd. No. 14 Jalan LP 1A/5 Taman Lestari Perdana 43300 Seri Kembangan Selangor Darul Ehsan.

Contents

Preface	vii
Acknowledgements	ix
List of Tables	" xi
List of Figures	xiii
Abbreviations	xv
Chapter 1: Introduction	1
Chapter 2: Research Background	13
Chapter 3: Aims and Objectives	30
Chapter 4: Methods and Methodology	31
Chapter 5: Findings	42
Chapter 6: Discussions	71
Chapter 7: Conclusions and Recommendations	83
References	87
Appendices	103
Appendix 1:	THE STREET
Top five 'very important' motivations in multiple	etta valigaja
response items, based on the students' characteristics	103
Appendix 2:	
Top five 'very important' motivations in multiple	
response items based on schools' characteristics	104
Index	105

Index

3D imaging 4	D
academic literature 79 admission committees 22 Affinity models 25 ageing 2, 5, 77, 84 A Level 21 altruism 19, 72 aptitude tests 21 attractive salary 14 B balanced distribution across the sectors 84 Bandura's theory 18 biomaterials 4 Bonferroni correction 40-41, 56 C Canada 3-4, 24, 87, 93-95 career development 11, 18, 24 career goals 57, 61-62 career pathway 57, 73 cognitive 21-22, 75 cohorts of graduates 81 comparative fit index 38 compulsory dental services 59 Confirmatory factor analysis 37 consent forms 35 consumerism 5	Dawis and Lofquist's Work Adjustment theory 17 decayed and filled teeth (dft) 3 decayed, missing and filled teeth (DMFT) 3 Dental Act 6, 8, 89, 96 dental admissions test 21 dental auxiliaries 5 Dental Care Professionals 5, 89 Dental Corps 7, 11 dental education 9, 11, 16-17, 21-22, 71-72, 83 dental moratorium 84 dental schools 1, 4, 7, 9, 15, 17, 20, 22, 28, 34-36, 39, 42-43, 46, 54, 69, 72-73, 80-81, 83, 85 dental surgery assistants 6 dental technicians 5 dental therapists 5-6, 8 dental workforce globally 13 in Malaysia 5 production of 15 rentention of 23 dexterity 21 direct access 8, 16 Division 1 Dental Practitioners 7 E Economic incentive models 25
	Emigrating 60

epidemiological surveys 3 Middle East 10, 15, 35, 74 Exploratory factor analysis 37 models of care 13 mode of entry 19 G monetary benefit 24 Gallagher Motivation Instrument 33 N geriatric module 84 goodness-of-fit 38-39, 48, 50 nanotechnology 4 National Household Income Survey H 34 health outcomes 23, 27 needs/demand 84 health services research 1 non-cognitive 22 Health workforce planning 27 0 Higher School Certificate 21 Holland's Theory of Personality 17 odonotological 17 oral cancer 3 human resources for health 13, 27 human rights 76 overseas trained 24, 84 overseas training 11 I oversupply 84-85 Indenture models 25 P independence 6 India 10, 15, 87, 95, 99, 101-102 Parson' Formula 17 Indices of Fit 50, 52 pension 14 individualism 5 periodontal pockets 3 Indonesia 10, 16, 101 person-environment 17-18, 79 Information sheets 35 policies 1, 26-28 internal consistency 34, 44, 80 post-graduate plans 57 International Recruitment of Health postgraduate training 8, 10-11, 14, 77 Personnel 26 practice 8, 14, 25, 27-28, 61, 63, 76, 78, 85 K Practice characteristics models 25 King's College London 31 privatisation 84 Krumboltz Social Learning theory 18 professional career 17-19, 30, 33, 42, 44, 46, 75, 83 M professional development 13, 17, 20, matriculation programme 21 23, 67, 70, 79, 84

professional training 24

psychological contract 79

maximum likelihood estimation 38.

48

sub-specialities 11 Public Service Department 8 Super's Development theory 17 R T recruitment 10, 13, 17, 21-22, 24-27, team setting 78 75, 79 tooth loss 4 retention 4, 13, 17, 23-27, 79 travelling plans 60 root mean square error of treatment-based approach 77 approximation 38 tuition fees 10 S U sabbatical leave 11 sample size 38 undersupply 85 United Nations Sustainable scheme and incentives 14 Development Goals 13 secondary/tertiary dental care 84 university admission test 21 Second Order of Five-factors Model University of Malaya 9, 11, 34, 36 49 small practice 78 V socio-economic backgrounds 43 South China Sea 2 validated instrument 80 Vision 2020 72, 93 specialisation 10, 16, 61-63, 70, 75, 76-79, 83-84 W specialising 76-77 specialist training 57, 75, 77, 84 workforce governance 23 workforce maldistribution 15 Statistical Package for Social working conditions 24 Sciences 36 Working session 64 stomatological 16

The Dental Workforce in Malaysia

Career Motivation and Expectations Amongst Senior Dental Students

The aim of this book is to present findings on motivation and short- and long-term career expectations of dental students in the selection of dentistry as a professional career in relation to individual (demographic and socio-economic factors) and school characteristics and make recommendations for the future in relation to serving the population. Three hundred and fifty six final year dental students (83%) across eight schools (73%) responded, comprising 66% of final years in Malaysia in 2013. There were five motivational factors reported with 'academic' factors emerging as students' main motivation to study dentistry. There were some differences in motivation by school sector; either public or private and ethnicity. There is however no variations by sex, family income, age or the school type (established or new). Career expectations focused on specialisation in the short- (46%) and long-term (59%) for students, with a desire to achieve financial stability and work/life balance. The majority of all respondents (64%) reported a desire to work in the private sector. Only 66.9% of respondents considered working full-time in the long-term with significant difference by sex [male (77.7%) and female (62.5%); (p=0.036)].

MUHD FIRDAUS CHE MUSA is a lecturer at the Dental Public Health (DPH) Unit in the Department of Dental Public Health and Pediatric, Kulliyyah of Dentistry. His research interests focus on shaping the healthcare workforce to meet the needs of the population, with a strong emphasis on promoting oral health and preventing disease, particularly amongst vulnerable groups. He is currently exploring the motivation and career expectations of the dental team in a range of different types of workforce cadre in the country, skill mix, work delegation of public-private sectors, district registration and planning human resources for oral health.



IIUM Press

(603) 6421 5014 / 5018

- **(603) 6421 6298**
- iiumbookshop@iium.edu.my
- @ iiumbookshop.com
- www.facebook.com/iiumpress
- @ www.instagram.com/iium_press
- https://twitter.com/Presslium

