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WORKPLACE BULLYING AMONG NURSES IN THE JORDANIAN PRIVATE HOSPITALS

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Thesis Submitted to
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ABSTRAK

Buli di tempat kerja merupakan satu fenomena meluas yang menimbulkan kesan negatif kepada individu dan organisasi.

Kajian lepas menunjukkan implikasi negatif buli tingkah laku di tempat kerja terhadap kesihatan mangsa dan prestasi organisasi. Kajian ini bertujuan mengkaji hubungan antara persepsi ketidakadilan, persepsi tidak selamat berkerja, sifat marah, dan afektiviti negatif dengan buli di tempat kerja dalam kalangan jururawat di hospital swasta di Jordan. Peranan kawalan diri sebagai faktor yang sederhana dalam hubungan ini juga telah diselidiki. Kajian ini menggunakan kaedah tinjauan dan soal selidik yang telah diedarkan kepada 500 orang jururawat di lima buah hospital swasta di Amman, Jordan. Data seterusnya dianalisis dengan menggunakan Least Squares-Structural Equation Modeling (PLS-SEM) separa yang mendapati hubungan yang positif dan signifikan antara persepsi ketidakadilan teragih, persepsi ketidakadilan interaksi, sifat marah, afektiviti negatif dan buli di tempat kerja. Sebaliknya, tidak terdapat hubungan yang positif dan signifikan antara persepsi ketidakadilan prosedur dan buli di tempat kerja dan persepsi keadaan pekerjaan yang tidak terjamin dan buli di tempat kerja. Walau bagaimanapun, kajian ini mendapati bahawa kawalan diri berfungsi sebagai moderator dalam hubungan antara persepsi ketidakadilan teragih dan buli di tempat kerja dan antara sifat marah dan buli di tempat kerja. Secara umum, dapatan kajian ini menyokong pandangan bahawa kawalan diri boleh mengatasi kecenderungan individu untuk terlibat dalam masalah buli di tempat kerja. Implikasi teori kajian dan pelaksanaan praktikal turut dibincangkan.

Kata kunci: Persepsi ketidakadilan, keadaan pekerjaan yang tidak terjamin, sifat marah, afektiviti negatif, buli di tempat kerja

ABSTRACT

Workplace bullying is a wide spread phenomenon that constitutes negative impact to individuals and organizations. Prior studies have proven the negative implications of bullying behaviors in workplaces on the health of the victims and the performance of organizations. This study aims to examine the relationship between the perception of injustice, job insecurity, trait anger, and negative affectivity with workplace bullying among nurses in private hospitals in Jordan. The role of self-control as the moderating factor in this relationship is also examined. The study used a survey method and questionnaires were distributed to 500 nurses at five private hospitals in Amman, Jordan. The data then were analysed using Partial Least Squares-Structural Equation Modeling (PLS-SEM) and it is found that there is a positive and significant relationship between the perception of distributive injustice, perception of interactional injustice, trait anger, negative affectivity and workplace bullying. On the contrary, it is discovered that there is no positive and significant relationship between perception of procedural injustice and workplace bullying; and perception of job insecurity and workplace bullying. However, it is discovered that self-control serves as moderator in the relationship between the perception of distributive injustice and workplace bullying; and between trait anger and workplace bullying. In general, these findings support the view that self-control can override predispositions of individuals to engage in workplace bullying. Theoretical and practical implications of this study are also discussed.

Keywords: Perception of injustice, job insecurity, trait anger, negative affectivity, workplace bullying

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TABLE OF CONTENTS

PERMISSION TO USE	i
ABSTRAK	ii
ABSTRACT	iii
ACKNOWLEDGEMENT	iv
TABLE OF CONTENTS	vi
LIST OF TABLES	xi
LIST OF FIGURES	xii
LIST OF APPENDECIES	xiii
LIST OF ABBREVIATIONS	xiv
CHAPTER ONE INTRODUCTION	1
1.1 Background	1
1.2 Problem Statement	
1.3 Research Questions	
1.4 Research Objectives	
1.5 Significance of the Study	
1.5.1 Contribution to knowledge	13
1.5.2 Contribution to practitioners	14
1.6 Scope of Study	16
1.7 Organization of Chapters in Thesis	16
CHAPTER TWO LITERATURE REVIEW	17
2.1 Introduction	17
2.2 Health sector in Jordan	17
2.2.1 Health sector organizations in Jordan	18
2.3 Overview of Workplace Bullying	21
2.3.1 Features of workplace bullying	22
2.3.2 Types of workplace bullying	24
2.3.3 Consequences of workplace bullying	25
2.3.4 Levels of factors related to workplace bullying	26
2.3.5 Empirical studies on workplace bullying	29

2.4 Perception of Injustice and Workplace Bullying	31
2.4.1 Distributive injustice	34
2.4.2 Procedural injustice	37
2.4.3 Interactional injustice	41
2.5 Perception of Job Insecurity and Workplace Bullying	44
2.6 Trait Anger and Workplace Bullying	48
2.7 Negative Affectivity and Workplace Bullying	50
2.8 Self-Control as Moderator	54
2.9 Conclusions and Issues to be Addressed	56
2.10 Underpinning Theory	58
2.10.1 Cognitive Neoassociation Theory	58
2.10.2 Self-Control Theory	60
2.11 Summary	62
CHAPTER THREE RESEARCH METHOD	63
3.1 Introduction	63
3.2 Research Framework	63
3.3 Development of Hypotheses	67
3.3.1 Relationship between perception of injustice and workplace bully	ing68
3.3.2 Relationship between perception of job insecurity and workplace	bullying
	69
3.3.3 Relationship between trait anger and workplace bullying	70
3.3.4 Relationship between negative affectivity and workplace bullying	70
3.3.5 Interaction role of self-control	71
3.4 Research Design	73
3.5 Population and Sampling	75
3.5.1 Sample size	75
3.5.2 Sampling technique	77
3.6 Operational Definitions and Measurements	79
3.6.1 Workplace bullying	79
3.6.2 Perception of injustice	80
3.6.3 Perception of job insecurity	82

3.6.4 Trait anger	82
3.6.5 Negative affectivity	83
3.6.6 Self-control	84
3.6.7 Demographic characteristics and other questions	84
3.7 Pretesting of the Instrument	86
3.8 Pilot Test	87
3.9 Data Collection Procedure	88
3.10 Technique of Data Analysis	89
3.11 Summary	91
CHAPTER FOUR RESULTS	92
4.1 Introduction	
4.2 Response Rate	
4.3 Data Screening and Preliminary Analysis	
4.3.1 Missing value analysis	
4.3.2 Assessment of outliers	
4.3.3 Normality test	96
4.3.4 Linearity	97
4.3.5 Multicollinearity	
4.4 Non-Response Bias	
4.5 Common Method Variance Test	101
4.6 Demographic Profile of the Respondents	102
4.7 Descriptive Analysis of the Latent Constructs	105
4.8 Assessment of PLS-SEM Path Model Results	106
4.9 Assessment of Measurement Model	107
4.9.1 Individual item reliability	107
4.9.2 Internal consistency reliability	108
4.9.3 Convergent validity	111
4.9.4 Discriminant validity	111
4.10 Assessment of Significance of the Structural Model	
4.10.1 The Main Effect Model	117
4.10.1.1 Assessment of direct relations	117

4.10.1.2 Assessment of variance explained in the endogenous latent	
variables	118
4.10.1.3 Assessment of effect size (f2)	119
4.10.1.4 Assessment of predictive relevance	120
4.10.2 The Moderating Effect Model	121
4.10.2.1 Testing moderating effect	121
4.10.2.2 Assessment of variance explained in the endogenous latent	
variables	125
4.10.2.3 Assessment of effect size (f2)	126
4.10.2.4 Assessment of predictive relevance	127
4.10.2.5 Determining the strength of the moderating effects	127
4.11 Summary of Findings	129
4.12 Summary	130
CHAPTER FIVE DISCUSSION, IMPLICATIONS AND CONCLUSION	131
5.1 Introduction	131
5.2 Recapitulation of the Study's Findings	131
5.3 Discussion	133
5.3.1 Direct Relationships	133
5.3.1.1 Relationship between perception of injustice and workplace	
Bullying	134
5.3.1.2 Relationship between perception of job insecurity and workpla	ace
bullying	137
5.3.1.3 Relationship between trait anger and workplace bullying	138
5.3.1.4 Relationship between negative affectivity and workplace bully	ing
	139
5.3.2 Interacting Effects	140
5.3.2.1 Self-control as a moderator in a relationship between perception	on of
injustice and workplace bullying	140
5.3.2.2 Self-control as a moderator in a relationship between perception	on of
iob insecurity and workplace bullying	141

REFERENCES	150
5.6 Summary	148
5.5 Limitations and Future Studies Directions	147
5.4.2 Practical implications	146
5.4.1 Theoretical implications	144
5.4 Research Implications	143
affectivity and workplace bullying	143
5.3.2.4 Self-control as a moderator in a relationship between	negative
and workplace bullying	142
5.3.2.3 Self-control as a moderator in a relationship between	trait anger



LIST OF TABLES

TABLE	AGE
Table 3.1 Overall Variables of the Instrument to Collect Data	85
Table 3.2 Reliabilities of Constructs for Pilot Study	88
Table 4.1 Response Rate of the Questionnaires	93
Table 4.2 Total and Percentage of Randomly Missing Values in Present Study	94
Table 4.3 Multivariate Outliers Detected and Removed	96
Table 4.4 Tolerance and Variance Inflation Factors (VIF)	99
Table 4.5 Results of Independent-Samples T-test for Non-Response Bias	.100
Table 4.6 Demographic Characteristics of the Respondents	. 102
Table 4.7 Descriptive Statistics for Latent Variables	. 105
Table 4.8 Measurement Model (Loadings, Composite Reliability and Average Variance	
Extracted)	. 109
Table 4.9 Discriminant Validity (Latent Variable Correlations and Square Roots of Aver	age
Variance Extracted)	.112
Table 4.10 Cross Loadings	.113
Table 4.11 Results of the Main Effect Structural Model	.117
Table 4.12 Variance Explained in the Endogenous Latent Variables (Main Effect Model))119
Table 4.13 Effect Sizes of the Latent Variables on Cohen's (1988) Recommendation (Management of the Commendation (Management o	ain
Effect Model)	.120
Table 4.14 Construct Cross-Validated Redundancy (Main Effect Model)	.121
Table 4.15 Results of the Moderating Effect Model	.122
Table 4.16 Variance Explained in the Endogenous Latent Variables (Moderating Effect	
Model)	.125
Table 4.17 Effect Sizes of the Latent Variables on Cohen's (1988) Recommendation	
(Moderating Effect Model)	.126
Table 4.18 Construct Cross-Validated Redundancy (Moderating Effect Model)	.127
Table 4.19 Strength of the Moderating Effects Based on Cohen's (1988) Guidelines	.128
Table 4.20 Summary of Hypotheses Testing	.129

LIST OF FIGURES

Figure 3.1 Theoretical Framework of the Present Study	67
Figure 3.2 The Output of a Priori Power Analysis	76
Figure 4.2 Linearity Graph	98
Figure 4.3 Two-Step Process of PLS Path Model Assessment	. 106
Figure 4.4 Measurement Model	. 107
Figure 4.5 Main Effects Model	.116
Figure 4.6 Interaction Effect of Perception of Distributive Injustice and Self-Control on	
Workplace Bullying	. 123
Figure 4.7 Interaction Effect of Trait Anger and Self Control on Workplace Bullying	. 124



LIST OF APPENDECIES

Appendix A Questionnaire	. 186
Appendix B Hospitals Written Permission to Conduct the Study	. 196
Appendix C Common Method Variance	.201



LIST OF ABBREVIATIONS

AVE Average Variance Extracted

CNT Cognitive Neoassociation Theory

DoS Department of Statistics

f2 Effect Size

SCT Self-Control Theory

ICN International Council of Nurses

ICU Intensive Critical Unit

JNA Jordanian Nursing Association

JUH Jordan University Hospital

JUST Jordan University of Science and Technology

KAH King Abdullah Hospital

MENA Middle East and North African

MoH Ministry of Health

NAQ-R Negative Act Questionnaire-Revised

NHS National Health Service

PHA Private Hospitals Association

PLS-SEM Partial least squares-Structural Equation Modeling

PTSD Post Traumatic Stress Disorder

Q2 Construct Cross validated Redundancy

R2 R-squared values Extracted

RMS Royal Medical Services

SPSS Statistical Package for the Social Sciences

SWMENA Status of Women in the Middle East and North Africa

U.K United Kingdom

U.S United States

U.S\$ United States Dollar

UNRWA United Nation's Relief and Works Agency for Palestinian Refugees

VIF Variance Inflation Factor

WHO World Health Organization

CHAPTER ONE INTRODUCTION

1.1 Background

Workplace violence has become an alarming phenomenon worldwide (Abbas & Selim, 2011). The real size of the workplace violence is largely unknown and recent surveys around the world showed that current numbers represent only the tip of iceberg (Chappell & Di Martino, 2006). Workplace violence influences many occupational groups, particularly those in the health care settings where violence becomes a daily clinical practice feature (Jones & Lyneham, 2001; Lyneham, 2001; Warshaw & Messite, 1996).

The frontline personnel in hospitals such as nurses are especially at higher risk; where patients, patients' relatives, employers, supervisors, or co-workers are usually the possible sources of violence (Abbas & Selim, 2011). Many researchers classified workplace bullying as a form of violence at workplace (e.g. Di Martino, 2003; Giorgi, Ando, Arenas, Shoss, & Leon-Perez, 2013).

Bullying commonly happens at workplaces and it is appeared as being from the worst behaviors impacting both of individuals and organizations (Liefooghe & Mac Davey, 2001). The bullying behaviors impact employee or organizational performance as it impairs the victim's health and change his relationship with his family and the society.

The contents of the thesis is for internal user only

REFERENCES

- Abbas, R. A., & Selim, S. F. (2011). Workplace violence-A survey of diagnostic radiographers in Ismailia governorate hospitals, Egypt. *Journal of American Science*, 7(6), 1049-1058.
- AbuAlRub, R. F., & Al-Asmar, A. H. (2011). Physical violence in the workplace among Jordanian hospital nurses. *Journal of Transcultural Nursing*, 22(2), 157-165.
- Adams, A., & Crawford, N. (1992). Bullying at Work: How to Comfort and Overcome It. London: Virago Press.
- Agervold, M. (2009). The significance of organizational factors for the incidence of bullying. *Scandinavian Journal of Psychology*, 50(3), 267-276.
- Agervold, M., & Mikkelsen, E. G. (2004). Relationships between bullying, psychosocial work environment and individual stress reactions. *Work & Stress*, 18(4), 336-351.
- Ahmed, A. S. (2012). Verbal and physical abuse against Jordanian nurses in the work environment. *Eastern Mediterranean Health Journal*, 18(4), 318.

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- Ajlouni, M. (2011). *Jordan Health System Profile: World Health Organization*(WHO). Retrieved from
 http://apps.who.int/medicinedocs/documents/s17239e/s17239e.pdf
- Albashtawy, M. (2013). Workplace violence against nurses in emergency departments in Jordan. *International Nursing Review*, 60(4), 550-555.
- Alhamwan, M., Mat, N. B., & Al Muala, I. (2015). The impact of organizational factors on nurses turnover intention behavior at public hospitals in Jordan. *Journal of Management and Sustainability*, 5(2), 154.

- Almuala, I. M. (2013). The moderating effect of personality in the relationship between job demand and job control on workplace bullying: A study among nurses in Jordan (PhD thesis, Universiti Utara Malaysia, Malaysia).

 Retrieved from http://etd.uum.edu.my/4788/
- Amer, M. (2010). Assault on nurses in Altutanji hospital, *Alghad*. Retrieved from http://www.alghad.com/index.php/article/381802.html
- Anderson, C. A., & Bushman, B. J. (2002). Human aggression. *Annual Review of Psychology*, 53(1), 27-51.
- Anderson, C. A., & Huesmann, L. R. (2003). Human aggression: A social-cognitive view. *Handbook of Social Psychology*, 296-323.
- Andersson, L. M., & Pearson, C. M. (1999). Tit for tat? The spiraling effect of incivility in the workplace. *Academy of Management Review*, 24(3), 452-471.
- Aquino, K. (2000). Structural and individual determinants of workplace victimization: The effects of hierarchical status and conflict management style. *Journal of Management*, 26(2), 171-193.
- Aquino, K., Lewis, M. U., & Bradfield, M. (1999). Justice constructs, negative affectivity, and employee deviance: A proposed model and empirical test. *Journal of Organizational Behavior*, 20(7), 1073-1091.
- Archer, J., & Southall, N. (2009). Does cost–benefit analysis or self-control predict involvement in bullying behavior by male prisoners? *Aggressive behavior*, 35(1), 31-40.

- Ariza-Montes, A., Muniz, N. M., Montero-Simó, M. J., & Araque-Padilla, R. A. (2013). Workplace bullying among healthcare workers. *International Journal of Environmental Research and Public Health*, 10(8), 3121-3139.
- Armstrong, J. S., & Overton, T. S. (1977). Estimating nonresponse bias in mail surveys. *Journal of Marketing Research* 14, 396-402
- Ashforth, B. (1994). Petty tyranny in organizations. *Human Relations*, 47(7), 755-778.
- Averill, J. R. (1983). Studies on anger and aggression: Implications for theories of emotion. *American Psychologist*, *38*(11), 1145-1160.
- Awawdeh, A. (2007). Violence against women working in health sector (Doctoral dissertation, University of Jordan, Jordan). Retrieved from http://ju.edu.jo/Research/Lists/Research%20Centers/All_Centers.aspx
- Ayoko, O. B., Callan, V. J., & Hartel, C. E. J. (2003). Workplace conflict, bullying, and counterproductive behaviors. *International Journal of Organizational Analysis*, 11(4), 283-301.
- Bagozzi, R. P., & Yi, Y. (1988). On the evaluation of structural equation models. *Journal of the Academy of Marketing Science*, 16(1), 74-94.
- Baillien, E., Neyens, I., De Witte, H., & De Cuyper, N. (2009). A qualitative study on the development of workplace bullying: Towards a three way model.

 *Journal of Community & Applied Social Psychology, 19(1), 1-16.
- Balducci, C., Cecchin, M., & Fraccaroli, F. (2012). The impact of role stressors on workplace bullying in both victims and perpetrators, controlling for personal vulnerability factors: A longitudinal analysis. *Work & Stress*, 26(3), 195-212.

- Barney, H. (2013). Job insecurity and workplace bullying behavior: The moderating effect of core self- evaluation (Doctoral dissertation, New Mexico State University, USA). Retrieved from http://www.usd.edu/faculty-and-staff/Chet-Barney
- Baron, R. A., & Richardson, D. R. (1994). *Human aggression* (2nd ed.). New York: Plenum.
- Baron, R. M., & Kenny, D. A. (1986). The moderator–mediator variable distinction in social psychological research: Conceptual, strategic, and statistical considerations. *Journal of Personality and Social Psychology*, *51*(6), 1173-1182.
- Baumeister, R. F., & Heatherton, T. F. (1996). Self-regulation failure: An overview. *Psychological Inquiry*, 7(1), 1-15.
- Bechtoldt, M. N., Welk, C., Zapf, D., & Hartig, J. (2007). Main and moderating effects of self-control, organizational justice, and emotional labour on bullying behaviour at work. *European Journal of Work and Organizational Psychology*, 16(4), 479-500.
- Bemmels, B. (1994). The determinants of grievance initiation. *Industrial and Labor Relations Review*, 47, 285-301.
- Berkowitz, L. (1983). The experience of anger as a parallel process in the display of impulsive, "angry" aggression. *Aggression: Theoretical and Empirical Reviews*, 1, 103-133.
- Berkowitz, L. (1989). Frustration-aggression hypothesis: Examination and reformulation. *Psychological Bulletin*, *106*(1), 59-73.

- Berkowitz, L. (1993). Aggression: Its causes, consequences, and control. New York, NY: Mc Graw-Hill Book.
- Berry, P. A., Gillespie, G. L., Gates, D., & Schafer, J. (2012). Novice nurse productivity following workplace bullying. *Journal of Nursing Scholarship*, 44(1), 80-87.
- Bijrkqvist, K., Osterman, K., & Hielt-Bdck, M. (1994). Aggression among university employees. *Aggressive Behavior*, 20(3), 173-184.
- Bijttebier, P., Delva, D., Vanoost, S., Bobbaers, H., Lauwers, P., & Vertommen, H. (2000). Reliability and validity of the critical care family needs inventory in Dutch-speaking Belgian sample. *Heart & Lung: The Journal of Acute and Critical Care*, 29, 278-286.
- Blau, G., & Andersson, L. (2005). Testing a measure of instigated workplace incivility. *Journal of Occupational and Organizational Psychology*, 78(4), 595-614.
- Bollen, K. A. (1989). Structural equation modeling with latent variables (2nd ed.).

 New York: Wiley.
- Bordia, P., Jones, E., Gallois, C., Callan, V. J., & DiFonzo, N. (2006). Management are aliens! Rumors and stress during organizational change. *Group & Organization Management*, 31(5), 601-621.
- Bosman, J., & Buitendach, J. H. (2005). Work locus of control and dispositional optimism as antecedents to job insecurity. *Journal of Industrial Psychology*, 31(4), 17.

- Bosworth, K., Espelage, D. L., & Simon, T. R. (1999). Factors associated with bullying behavior in middle school students. *The Journal of Early Adolescence*, 19(3), 341-362.
- Brees, J. R. (2012). The relationship between subordinates' individual differences and their perceptions of abusive supervision (Doctoral dissertation, Florida State University, USA). Retrieved from http://diginole.lib.fsu.edu/islandora/object/fsu%3A182781/datastream/PDF
- Brousse, G., Fontana, L., Ouchchane, L., Boisson, C., Gerbaud, L., Bourguet, D., & Chamoux, A. (2008). Psychopathological features of a patient population of targets of workplace bullying. *Occupational Medicine*, 58(2), 122-128.
- Burns, N., & Grove, S. K. (2005). The practice of nursing research: Conduct, critique, and utilization. USA: Elsevier Saunders
- Bushman, B. J. (2002). Does venting anger feed or extinguish the flame? Catharsis, rumination, distraction, anger, and aggressive responding. *Personality and Social Psychology Bulletin*, 28(6), 724-731.
- Bushman, B. J., & Bonacci, A. M. (2002). Violence and sex impair memory for television ads. *Journal of Applied Psychology*, 87(3), 557-564.
- Buss, A. H. (1961). *The psychology of aggression*. New York: Wiley.
- Caprara, G. V., Regalia, C., & Bandura, A. (2002). Longitudinal impact of perceived self-regulatory efficacy on violent conduct. *European Psychologist*, 7(1), 63.
- Chambers, N. (1998). The experience of being the registered nurse on duty, managing a violent incident involving an elderly patient: A phenomenological study. *Journal of Advanced Nursing*, 27(2), 429-436.

- Chappell, D., & Di Martino, V. (2006). *Violence at work at work* (3rd ed.). Geneva, Switzerland: International Labour Office.
- Chatterjee, S., & Yilmaz, M. (1992). A Review of regression diagnostics for behavioral research. *Applied Psychological Measurement*, 16(3), 209-227.
- Chikoko, C. (2011). An investigation into violence against nurses in the southern region of Malawi (Doctoral dissertation, University of Cape Town, South Africa).

 Retrieved from https://open.uct.ac.za/bitstream/item/10386/thesis_hsf_2011_chikoko_c.pdf?
 sequence=1
- Chin, W. (2010). How to write up and report PLS analyses. In V. Esposito Vinzi, W.
- W. Chin, J. Henseler & H. Wang (Eds.), *Handbook of Partial Least Squares* (pp. 655-690): Springer Berlin Heidelberg.
- Chin, W. W. (1998). The partial least squares approach to structural equation modeling. *Modern Methods for Business Research*, 295(2), 295-336.
- Chin, W. W., Marcolin, B. L., & Newsted, P. R. (2003). A partial least squares latent variable modeling approach for measuring interaction effects: Results from a Monte Carlo simulation study and an electronic-mail emotion/adoption study. *Information Systems Research*, 14(2), 189-217.
- Chui, W. H., & Chan, H. C. O. (2013). Association between self-control and school bullying behaviors among Macanese adolescents. *Child Abuse and Neglect*, 37(4), 237-242.
- Clark, L. A., & Watson, D. (1995). Constructing validity: Basic issues in objective scale development. *Psychological Assessment*, 7(3), 309-319.

- Cohen, J. (1988). Statistical power analysis for the behavioral sciences. Hillsdale, NJ: Lawrence Erlbaum Associates.
- Cohen-Charash, Y., & Mueller, J. S. (2007). Does perceived unfairness exacerbate or mitigate interpersonal counterproductive work behaviors related to envy? *Journal of Applied Psychology*, 92(3), 666-680.
- Cohen-Charash, Y., & Spector, P. E. (2001). The role of justice in organizations: A meta-analysis. *Organizational Behavior and Human Decision Processes*, 86(2), 278-321.
- Colquitt, J. A. (2001). On the dimensionality of organizational justice: A construct validation of a measure. *Journal of Applied Psychology*, 86(3), 386-400.
- Colquitt, J. A., Greenberg, J., & Zapata-Phelan, C. P. (2005). What is organizational justice? A historical overview. *Handbook of Organizational Justice*, 1, 3-58.
- Cooper, D. R., & Schindler, P. S. (2009). *Business research methods*. New York: McGraw-Hill.
- Cooper-Thomas, H., Gardner, D., O'Driscoll, M., Catley, B., Bentley, T., & Trenberth, L. (2013). Neutralizing workplace bullying: The buffering effects of contextual factors. *Journal of Managerial Psychology*, 28(4), 384-407.
- Cortina, L. M., Magley, V. J., Williams, J. H., & Langhout, R. D. (2001). Incivility in the workplace: Incidence and impact. *Journal of Occupational Health Psychology*, 6(1), 64.
- Cox, H. C. (1987). Verbal abuse in nursing: Report of a study: Research explores whether or not-and to what extent-verbal abuse affects nursing practice and turnover rates. *Nursing Management*, 18(11), 47.

- Coyne, I., Seigne, E., & Randall, P. (2000). Predicting workplace victim status from personality. *European Journal of Work and Organizational Psychology*, 9(3), 335-349.
- Curran-Everett, D., Taylor, S., & Kafadar, K. (1998). Fundamental concepts in statistics: Elucidation and illustration. *Journal of Applied Physiology*, 85(3), 775-786.
- De Cuyper, N., & De Witte, H. (2005). Job insecurity: Mediator or moderator of the relationship between type of contract and various outcomes. *Journal of Industrial Psychology*, 31(4), 79.
- De Cuyper, N., Baillien, E., & De Witte, H. (2009). Job insecurity, perceived employability and targets' and perpetrators' experiences of workplace bullying. *Work & Stress*, 23(3), 206-224.
- De Witte, H. (2000). Work ethic and job insecurity: Measurement and consequences for well-being, satisfaction and performance (pp. 325-350). Leuven, Belgium: Garant.
- De Witte, H. D. (1999). Job insecurity and psychological well-being: Review of the literature and exploration of some unresolved issues. *European Journal of Work and Organizational Psychology*, 8(2), 155-177.
- Demir, D., & Rodwell, J. (2012). Psychosocial antecedents and consequences of workplace aggression for hospital nurses. *Journal of Nursing Scholarship*, 44(4), 376-384.

- Deniz, N., & Ertosun, O. G. (2010). The relationship between personality and being exposed to workplace bullying or mobbing. *Journal of Global Strategic Management*, 7, 129-142.
- Di Martino, V. (2003). Workplace violence in the health sector: Relationship

 between work stress and workplace violence in the health sector, Geneva.

 Retrieved November from

 http://www.ilo.org/public/english/dialogue/sector/papers/health/violence-ccs.pdf
- Diaz, A. L., & McMillin, J. D. (1991). A definition and description of nurse abuse.

 Western Journal of Nursing Research, 13(1), 97–109.
- Diekmann, K. A., Samuels, S. M., Ross, L., & Bazerman, M. H. (1997). Self-interest and fairness in problems of resource allocation: Allocators versus recipients. *Journal of Personality and Social Psychology*, 72(5), 1061-1074.
- Dietz, J., Robinson, S. L., Folger, R., Baron, R. A., & Schulz, M. (2003). The impact of community violence and an organization's procedural justice climate on workplace bullying. *Academy of Management Journal*, 46(3), 317-326.
- Dixon, W. J. (1980). Efficient analysis of experimental observations. *Annual Review of Pharmacology and Toxicology*, 20(1), 441-462.
- Djurkovic, N., McCormack, D., & Casimir, G. (2004). The physical and psychological effects of workplace bullying and their relationship to intention to leave: a test of the psychosomatic and disability hypotheses. *International Journal of Organization Theory and Behavior*, 7(4), 469–497.

- Dörnyei, Z. (2007). Research methods in applied linguistics: Quantitative, qualitative, and mixed methodologies. England: Oxford University Press.
- DoS. (2011). Statistics Report, Department of Statistics in Jordan, Amman, Jordan.

 Retrieved from
 http://www.dos.gov.jo/sdb/dos_home/dos_home_e/main/index.htm
- Douglas, S. C., & Martinko, M. J. (2001). Exploring the role of individual differences in the prediction of workplace aggression. *Journal of Applied Psychology*, 86(4), 547.
- Duffy, E. (1995). Horizontal violence: A conundrum for nursing. *Journal of the Royal College of Nursing in Australia*, 2(2), 5-17.
- Edwards, S. L., & O'Connell, C. F. (2007). Exploring bullying: Implications for nurse educators. *Nurse Education in Practice*, 7(1), 26-35.
- Efe, S. Y., & Ayaz, S. (2010). Mobbing against nurses in the workplace in Turkey. *International Nursing Review*, 57(3), 328-334.
- Einarsen, S. (1996). Bullying and harassment at work: Epidemiological and psychosocial aspects. Univ., Department of Psychosocial Science, Faculty of Psychology.
- Einarsen, S. (1999). The nature and causes of bullying at work. *International Journal of Manpower*, 20(1/2), 16-27.
- Einarsen, S. (2000). Bullying and harassment at work: Unveiling an organisational taboo. *Transcending Boundaries: Integrating People, Processes and Systems*, 7-13.

- Einarsen, S. & Hoel, H. (2001, May). *The Negative Acts Questionnaire:*Development, validation and revision of measure of bullying at work. Paper presented at the 9th European Congress of Work and Organisational Psychology, Prague, Czechoslovakia. Retrieved from https://www.uv.es/erasmuswop/news_eawop_09.htm
- Einarsen, S., & Mikkelsen, E. G. (2003). Individual effects of exposure to bullying at work. *Bullying and Emotional Abuse in the Workplace: International Perspectives in Research and Practice*, 127-144.
- Einarsen, S., & Raknes, B. I. (1997). Harassment in the workplace and the victimization of men. *Violence and Victims*, 12(3), 247-263.
- Einarsen, S., & Skogstad, A. (1996). Bullying at work: Epidemiological findings in public and private organizations. *European Journal of Work and Organizational Psychology*, 5(2), 185-201.
- Einarsen, S., Hoel, H., & Cooper, C. (Eds.). (2003). Bullying and emotional abuse in the workplace: International perspectives in research and practice (pp. 3-30). London, England: Taylor & Francis.
- Einarsen, S., Raknes, B. R. I., & Matthiesen, S. B. (1994). Bullying and harassment at work and their relationships to work environment quality: An exploratory study. *European Journal of Work and Organizational Psychology*, 4(4), 381-401.
- Elaph. (2012). Jordanian medical tourism revenues over a billion dollars in 2012, *Elaph*. Retrieved from

- http://www.elaph.com/Web/Economics/2012/12/782603.html?entry=News-Jordan
- Elovainio, M., Kivimaki, M., & Vahtera, J. (2002). Organizational justice: Evidence of a new psychosocial predictor of health. *American Journal of Public Health*, 92(1), 105-108.
- Etienne, E. (2014). Exploring workplace bullying in nursing. *Workplace Health & Safety*, 62(1), 6–11.
- Falk, R. F., & Miller, N. B. (1992). A primer for soft modeling. Ohio: The University of Akron Press.
- Farrar, B. D. (2006). Race, gender, and bullying behavior: The role of perceived stereotypes (Master thesis, University of North Carolina, USA).

 Retrieved from http://repository.lib.ncsu.edu/ir/bitstream/1840.16/1125/1/etd.pdf
- Farrell, G. A. (2001). From tall poppies to squashed weeds: Why don't nurses pull together more? *Journal of Advanced Nursing*, 35(1), 26-33.
- Farrell, G. A., Bobrowski, C., & Bobrowski, P. (2006). Scoping workplace aggression in nursing: Findings from an Australian study. *Journal of Advanced Nursing*, 55(6), 778-787.
- Faul, F., Erdfelder, E., Lang, A. G., & Buchner, A. (2007). G*Power 3: A flexible statistical power analysis program for the social, behavioral, and biomedical sciences. *Behavior Research Methods*, *39*, 175-191.
- Field, A. (2009). Discovering Statistics using SPSS. London: Sage Publications.

- Fitzgerald, L. F., Drasgow, F., Hulin, C. L., Gelfand, M. J., & Magley, V. J. (1997).

 Antecedents and consequences of sexual harassment in organizations: A test of an integrated model. *Journal of Applied Psychology*, 82(4), 578-582.
- Flury, B. D., & Riedwyl, H. (1988). *Multivariate statistics: A practical approach*.

 London: Chapman and Hall.
- Folger, R., & Skarlicki, D. 1998. A popcorn metaphor for employee aggression. In R.W. Griffin, A. O'Leary-Kelly, & J. M. Collins (Eds.), *Dysfunctional behavior in organizations: Non-violent dysfunctional behavior*, 1, 43–81. Greenwich, CT: JAI Press.
- Fornell, C., & Bookstein, F. L. (1982). Two structural equation models: LISREL and PLS applied to consumer exit-voice theory. *Journal of Marketing Research*, 15, 440-452.
- Fornell, C., & Larcker, D. F. (1981). Evaluating Structural Equation Models with unobservable variables and measurement error. *Journal of Marketing Research*, 18, 39-50.
- Fox, S., & Stallworth, L. E. (2005). Racial/ethnic bullying: Exploring links between bullying and racism in the US workplace. *Journal of Vocational Behavior*, 66(3), 438-456.
- Gates, D., Fitzwater, E., & Succop, P. (2003). Relationships of stressors, strain, and anger to caregiver assaults. *Issues in Mental Health Nursing*, 24(8), 775-793.
- George, J. M. (1992). The role of personality in organizational life: Issues and evidence. *Journal of Management*, 18(2), 185-213.

- Giorgi, G. (2009). Workplace bullying risk assessment in 12 Italian organizations. *International Journal of Workplace Health Management*, 2(1), 34-47.
- Giorgi, G., Ando, M., Arenas, A., Shoss, M. K., & Leon-Perez, J. M. (2013). Exploring personal and organizational determinants of workplace bullying and its prevalence in a Japanese sample. *Psychology of Violence*, *3*(2), 185-197.
- Gitter, S. A. (2010). Shooting the shit: Profanity, self-control, and aggressive behavior (Doctoral dissertation, Florida State University, USA).

 Retrieved from http://diginole.lib.fsu.edu/islandora/object/fsu:182417/datastream/PDF/view
- Glomb, T. M., & Liao, H. (2003). Interpersonal aggression in work groups: Social influence, reciprocal, and individual effects. *Academy of Management Journal*, 46(4), 486-496.
- Gopalkrishnan, P. (2011). Workplace bullying and employee strain reactions: The moderating effects of perceived organizational support and job insecurity (Doctoral dissertation, Bowling Green State University, USA).

 Retrieved from
 - https://etd.ohiolink.edu/rws_etd/document/get/bgsu1296163685/inline
- Gottfredson, M. R., & Hirschi, T. (1990). A general theory of crime. Stanford, CA: Stanford University Press.
- Greenberg, J. (1983). Overcoming egocentric bias in perceived fairness through self-awareness. *Social Psychology Quarterly*, 152-156.

- Greenberg, J. (1987). Reactions to procedural injustice in payment distributions: Do the means justify the ends? *Journal of Applied Psychology*, 72(1), 55-61.
- Greenberg, J. (1990). Organizational justice: Yesterday, today, and tomorrow. *Journal of Management*, 16(2), 399-432.
- Greenberg, J. (1993). Stealing in the name of justice: Informational and interpersonal moderators of theft reactions to underpayment inequity. *Organizational Behavior and Human Decision Processes*, *54*(1), 81-103.
- Greenberg, J. (1994). Using socially fair treatment to promote acceptance of a work site smoking ban. *Journal of Applied Psychology*, 79(2), 288.
- Greenberg, L., & Barling, J. (1999). Predicting employee aggression against coworkers, subordinates and supervisors: The roles of person behaviors and perceived workplace factors. *Journal of Organizational Behavior*, 20(6), 897-913.
- Greenhalgh, L., & Rosenblatt, Z. (1984). Job insecurity: Toward conceptual clarity. *Academy of Management Review*, 9(3), 438-448.
- Grover, S. L. (1991). Predicting the perceived fairness of parental leave policies. *Journal of Applied Psychology*, 76(2), 247-255.
- Haffner, C. (2010). Workplace bullying: factors that influence a bystander's willingness to intervene (Master thesis, University of Saskatchewan, Canada).

 Retrieved from

https://ecommons.usask.ca/handle/10388/etd-01062010-104505

- Hair, J. F., Black, W. C., Babin, B., Anderson, R. E., & Tatham, R. L. (2010).

 Multivariate data analysis (7th ed.). Upper Saddle River, New Jersey:

 Prentice Hall.
- Hair, J. F., Hult, G. T. M., Ringle, C. M., & Sarstedt, M. (2014). A primer on partial least squares structural equation modelling (PLS-SEM). Thousand Oaks:

 Sage Publications
- Hair, J. F., Money, A. H., Samouel, P., & Page, M. (2007). Research method for business. West Sussex, England: John Wiley & Sons Ltd.
- Hair, J. F., Ringle, C. M., & Sarstedt, M. (2011). PLS-SEM: Indeed a Silver Bullet. *Journal of Marketing Theory and Practice*, 18, 139-152.
- Hansen, Å. M., Hogh, A., Persson, R., Karlson, B., Garde, A. H., & Ørbæk, P. (2006). Bullying at work, health outcomes, and physiological stress response.

 **Journal of Psychosomatic Research, 60(1), 63-72.
- Hauge, L. J., Skogstad, A., & Einarsen, S. (2009). Individual and situational predictors of workplace bullying: Why do perpetrators engage in the bullying of others? *Work & Stress*, 23(4), 349-358.
- Hauge, L., Skogstad, A., & Einarsen, S. (2007). Relationships between stressful work environments and bullying: Results of a large representative study. *Work & Stress*, 21(3), 220-242.
- Henseler, J., & Fassott, G. (2010). Testing Moderating Effects in PLS Path Models:

 An Illustration of Available Procedures. In V. Esposito Vinzi, W. W. Chin, J.

 Henseler & H. Wang (Eds.), *Handbook of Partial Least Squares: Concepts*,

- Methods and Applications (pp. 713-735). Berlin, Germany: Springer Berlin Heidelberg.
- Henseler, J., Ringle, C. M., & Sinkovics, R. R. (2009). The use of partial leasts Squares path modeling in international marketing. In R. R. Sinkovics & P. N. Ghauri (Eds.), *Advances in International Marketing* (pp. 277-320). Bingley: Emerald.
- Henseler, J., Wilson, B., Götz, O., & Hautvast, C. (2007). Investigating the moderating role of fit on sports sponsorship and brand equity. *International Journal of Sports Marketing & Sponsorship*, 8, 321-329.
- Hershcovis, M. S., Turner, N., Barling, J., Arnold, K. A., Dupré, K. E., Inness, M., & Sivanathan, N. (2007). Predicting workplace aggression: A meta-analysis. *Journal of Applied Psychology*, 92(1), 228-238.
- Hoel, H., & Cooper, C. L. (2000). *Destructive conflict and bullying at work*.

 Manchester, UK: Manchester School of Management, UMIST.
- Hoel, H., Glasø, L., Hetland, J., Cooper, C. L., & Einarsen, S. (2010). Leadership styles as predictors of self-reported and observed workplace bullying. *British Journal of Management*, 21(2), 453-468.
- Hoel, H., Sheehan, M. J., Cooper, C. L., & Einarsen, S. (2011). Organisational effects of workplace bullying. *Bullying and Harassment in the Workplace:*Developments in Theory, Research, and Practice, 129-149.
- Hui, M. K., Au, K., & Zhao, X. (2007). Interactional justice and the fair process effect: The role of outcome uncertainty. *Journal of Experimental Social Psychology*, 43(2), 210-220.

- Hulland, J. (1999). Use of partial least squares (PLS) in strategic management research: A review of four recent studies. *Strategic Management Journal*, 20, 195-204.
- Hutchinson, M., & Hurley, J. (2013). Exploring leadership capability and emotional intelligence as moderators of workplace bullying. *Journal of Nursing Management*, 21(3), 553-562.
- Hutchinson, M., Vickers, M. H., Jackson, D., & Wilkes, L. (2006). They stand you in a corner; you are not to speak: Nurses tell of abusive indoctrination in work teams dominated by bullies. *Contemporary Nurse*, 21(2), 228-238.
- Hutchinson, M., Wilkes, L., Jackson, D., & Vickers, M. H. (2010). Integrating individual, work group and organizational factors: Testing a multidimensional model of bullying in the nursing workplace. *Journal of Nursing Management*, 18(2), 173-181.
- Hynan, D. J., & Grush, J. E. (1986). Effects of impulsivity, depression, provocation, and time on aggressive behavior. *Journal of Research in Personality*, 20, 158–171.
- Ilies, R., Hauserman, N., Schwochau, S., & Stibal, J. (2003). Reported incidence rates of work-related sexual harassment in the United States: Using meta-analysis to explain reported rate disparities. *Personnel Psychology*, 56(3), 607-631.
- Inness, M., LeBlanc, M. M., & Barling, J. (2008). Psychosocial predictors of supervisor, peer, subordinate, and service provider-targeted aggression. *Journal of Applied Psychology*, 93(6), 1401-1411.

- International Council of Nurses. (2007). Guidelines on coping with violence in the workplace.

 Retrieved from http://www.icn.ch/images/stories/documents/publications/position_statements/col_Abuse_Violence_Nsg_Personnel.pdf
- Ismail, H. (2015). Organizational justice and citizenship behavior, the mediating role of trust. *International Journal of Human Resource Studies*, *5*(1), 86-91.
- Jackson, D., Clare, J., & Mannix, J. (2002). Who would want to be a nurse?

 Violence in the workplace: A factor in recruitment and retention. *Journal of Nursing Management*, 10(1), 13-20.
- Jenkins, M. F., Zapf, D., Winefield, H., & Sarris, A. (2012). Bullying allegations from the accused bully's perspective. *British Journal of Management*, 23(4), 489-501.
- Johnson, S. (2009). International perspectives on workplace bullying among nurses:

 A review. *International Nursing Review*, 56(1), 34-40.
- Johnson, S. L., & Rea, R. E. (2009). Workplace bullying: Concerns for nurse leaders. *Journal of Nursing Administration*, 39(2), 84-90.
- Jones, J., & Lyneham, J. (2001). Violence: Part of the job for Australian nurses?

 Australian Emergency Nursing Journal, 4(1), 10-14.
- Keashly, L. (1997). Emotional abuse in the workplace: Conceptual and empirical issues. *Journal of Emotional Abuse*, *I*(1), 85-117.
- Kelley, K., & Maxwell, S. E. (2003). Sample size for multiple regression: Obtaining regression coefficients that are accurate, not simply significant.

 *Psychological Methods, 8, 305-321.

- Kivimaki, M., Elovainio, M., & Vahtera, J. (2000). Workplace bullying and sickness absence in hospital staff. *Occupational and Environmental Medicine*, *57*(10), 656-660.
- Kivimäki, M., Virtanen, M., Vartia, M., Elovainio, M., Vahtera, J., & Keltikangas-Järvinen, L. (2003). Workplace bullying and the risk of cardiovascular disease and depression. *Occupational and Environmental Medicine*, 60(10), 779-783.
- Konovsky, M. A. (2000). Understanding procedural justice and its impact on business organizations. *Journal of Management*, 26(3), 489-511.
- Krejcie, R. V., & Morgan, D. W. (1970). Determining sample size for research activities. *Educational and Psychological Measurement*, 30(3), 607-610.
- Kumar, B. (2012). Theory of planned behaviour approach to understand the purchasing behaviour for environmentally sustainable products. (W.P. No. 2012-12-08). Retrieved from http://www.iimahd.ernet.in/assets/snippets/workingpaperpdf/10260621182012-12-08
- Kwok, K. T. T., Li, K. E., Ng, Y. C., Cheung, M. H., Fung, V. K. P., Tong, J. M. K.,& Leung, W. C. (2006). Prevalence of workplace violence against nurses inHong Kong. *Hong Kong Medical Journal*, 12(1), 6-9.
- Laschinger, H. K. S., & Grau, A. L. (2012). The influence of personal dispositional factors and organizational resources on workplace violence, burnout, and health outcomes in new graduate nurses: A cross-sectional study.

 *International Journal of Nursing Studies, 49(3), 282-291.

- Lee, D. (2000). An analysis of workplace bullying in the UK. *Personnel Review*, 29(5), 593-610.
- Lench, H. C. (2004). Anger management: Diagnostic differences and treatment implications. *Journal of Social and Clinical Psychology*, 23(4), 512-531.
- Lewis, D. (1999). Workplace bullying–interim findings of a study in further and higher education in Wales. *International Journal of Manpower*, 20(1/2), 106-119.
- Lewis, S. E., & Orford, J. (2005). Women's experiences of workplace bullying:

 Changes in social relationships. *Journal of Community & Applied Social Psychology*, 15(1), 29-47.
- Leymann, H. (1990). Mobbing and psychological terror at workplaces. *Violence and Victims*, 5(2), 119-126.
- Leymann, H. (1993). Bullying-psycho-terror at work and how one might protect oneself. Rowolt, Germany: Reinbeck.
- Leymann, H. (1996). The content and development of mobbing at work. *European Journal of Work and Organizational Psychology*, 5(2), 165-184.
- Liefooghe, A. P. D., & Mac Davey, K. K. (2001). Accounts of workplace bullying:

 The role of the organization. *European Journal of Work and Organizational Psychology*, 10(4), 375-392.
- Lutgen-Sandvik, P., Tracy, S. J., & Alberts, J. K. (2007). Burned by bullying in the American workplace: Prevalence, perception, degree and impact. *Journal of Management Studies*, 44(6), 837-862.

- Lyneham, J. (2001). Violence in New south wales emergency departments.

 *Australian Journal of Advanced Nursing, 18(2), 8-20.
- MacIntosh, J., Wuest, J., Gray, M. M., & Cronkhite, M. (2010). Workplace bullying in health care affects the meaning of work. *Qualitative Health Research*, 20(8), 1128-1141.
- Madaan, S. (2012). Role of personal, family and school factors in school bullying. *Journal of the Indian Academy of Applied Psychology*, 38(3), 68-75.
- Mangan, G. L., Quartermain, D., & Vaughan, G. M. (1960). Taylor MAS and group conformity pressure. *The Journal of Abnormal and Social Psychology*, 61(1), 146-146.
- Martinko, M. J., Gundlach, M. J., & Douglas, S. C. (2002). Toward an integrative theory of counterproductive workplace behavior: A causal reasoning perspective. *International Journal of Selection and Assessment*, 10(1-2), 36-50.
- Mashinchi, S., Yaghoubi, E., Ahmadi, E., Hadi, A., & Hamid, E. (2012). An analysis of correlation between organizational justice and job satisfaction. *African Journal of Business Management*, 6(3), 995-1002.
- Masterson, S. S., Lewis, K., Goldman, B. M., & Taylor, M. S. (2000). Integrating justice and social exchange: The differing effects of fair procedures and treatment on work relationships. *Academy of Management Journal*, 43(4), 738-748.

- Matthiesen, S. B., & Einarsen, S. (2004). Psychiatric distress and symptoms of PTSD among victims of bullying at work. *British Journal of Guidance & Counselling*, 32(3), 335-356.
- McGuckin, C., Lewis, C. A., & Shevlin, M. (2001, May). The impact of workplace bullying on the self-esteem of nurses. Paper presented at the 9th European Congress of Work and Organisational Psychology, Prague, Czechoslovakia.

 Retrieved from https://www.uv.es/erasmuswop/news-eawop-09.htm
- McMahon, L. (2000). Bullying and harassment in the workplace. *International Journal of Contemporary Hospitality Management*, 12(6), 384-387.
- McNeice, C. L. (2013). The relationship between family to work conflict and instigated incivility at work: Exploring trait anger and negative affect as moderators (Master thesis, Saint Mary's University, Nova Scotia). Retrieved from http://library2.smu.ca/handle/01/25026#.V5G-mvl97IV
- Mikkelsen, E. G. E., & Einarsen, S. (2002). Basic assumptions and symptoms of post-traumatic stress among victims of bullying at work. *European Journal of Work and Organizational Psychology*, 11(1), 87-111.
- Moayed, F. A., Daraiseh, N., Shell, R., & Salem, S. (2006). Workplace bullying: A systematic review of risk factors and outcomes. *Theoretical Issues in Ergonomics Science*, 7(3), 311-327.
- MoH. (2010). Annual Statistical Report: Ministry of Health in Jordan (MoH).

 Retrieved from http://moh.gov.jo/MOH/Files/Publication/report2010_2.pdf

- MoH. (2010). *Overview of Healthcare sector in Jordan*. Retrieved from http://www.moh.gov.jo/MOH/arabic/about.php
- MoH. (2013). *Health sector Bodies: Ministry of Health In Jordan (MoH)*. Retrieved from http://moh.gov.jo/EN/HealthSectorBodies/Pages/Private-Hospitals.aspx
- Moon, B., & Alarid, L. F. (2014). School bullying, low self-control, and opportunity. *Journal of Interpersonal Violence*, *30*(5), 839–856.
- Moorman, R. H. (1991). Relationship between organizational justice and organizational citizenship behaviors: Do fairness perceptions influence employee citizenship. *Journal of Applied Psychology*, 76(6), 845-855.
- Moreno-Jiménez, B., Rodríguez-Muñoz, A., Moreno Y. & Garrosa E. (2006). The moderating role of assertiveness and social anxiety on workplace bullying:

 Two empirical studies. *Revista de Psicologi'a del Trabajo y de las Organizaciones*, 22, 363–380.
- Mullgn, E. A. (1997). Workplace violence: Cause for concern or the construction of a new category of fear. *Journal of Industrial Relations*, 39(1), 21-32.
- Muraven, M., Pogarsky, G., & Shmueli, D. (2006). Self-control depletion and the general theory of crime. *Journal of Quantitative Criminology*, 22(3), 263-277.
- Namie, G. (2003). Workplace bullying: Escalated incivility. *Ivey Business Journal*, 68(2), 1-6.
- Namie, G., & Namie, R. (2003). Anti-bullying advocacy: An unrealized EAP opportunity. *Journal of Employee Assistance*, 33(20), 9-14.

- Neuman, J. H., & Baron, R. A. (2003). Social antecedents of bullying: Victims and perpetrators. *Bullying and Emotional Abuse in the Workplace. London:*Taylor & Francis, 185-202.
- Niedhammer, I., David, S., Degioanni, S., Drummond, A., & Philip, P. (2009). Workplace bullying and sleep disturbances: Findings from a large scale cross-sectional survey in the French working population. *Sleep*, *32*(9), 1211-9.
- Niehoff, B. P., & Moorman, R. H. (1993). Justice as a mediator of the relationship between methods of monitoring and organizational citizenship behavior. *Academy of Management Journal*, *36*(3), 527-556.
- Notelaers, G., De Witte, H., & Einarsen, S. (2010). A job characteristics approach to explain workplace bullying. *European Journal of Work and Organizational Psychology*, 19(4), 478-504.
- Nunnally, J. C. (1978). Psychometric theory. New York: McGraw-Hill.
- Oladapo, V., & Banks, L. (2013). Management bullies: The effect on employees. *Journal of Business Studies Quarterly*, 4(4), 107-120.
- Osborne, J. W. (2010). Improving your data transformations: Applying the box-cox transformation. *Practical Assessment, Research & Evaluation*, 15, 12, 1-9.
- Oweis, A., & Diabat, M. (2005). Jordanian nurses perception of physicians' verbal abuse: Findings from a questionnaire survey. *International Journal of Nursing Studies*, 42(8), 881-888.

- Oxenstierna, G., Elofsson, S., Gjerde, M., Hanson, L. M., & Theorell, T. (2012). Workplace bullying, working environment and health. *Industrial Health*, 50 (3), 180-188.
- Pai, H. C., & Lee, S. (2011). Risk factors for workplace violence in clinical registered nurses in Taiwan. *Journal of Clinical Nursing*, 20(9-10), 1405-1412.
- Pallant, J. (2010). SPSS survival manual: A step by step guide to data analysis using SPSS. New York, NY: Open University Press.
- Patterson, K. E. (2007). The occurrence and outcome of workplace bullying among

 emerging adults (Doctoral dissertation, Carleton University Ottawa, Canada).

 Retrieved from

 https://curve.carleton.ca/system/files/etd/25860704-5323-424f-8841-

https://curve.carleton.ca/system/files/etd/25860704-5323-424f-884ea0698230757/etd_pdf/644a1661d0cefa7bf81e5f21f765

- Peterson, R. A., & Kim, Y. (2013). On the relationship between coefficient alpha and composite reliability. *Journal of Applied Psychology*, 98, 194-198.
- Petter, S., Straub, D., & Rai, A. (2007). Specifying formative constructs in information systems research. *Mis Quarterly*, 6, 623-656.
- Podsakoff, P. M., & Organ, D. W. (1986). Self-reports in organizational research: Problems and prospects. *Journal of Management*, 12, 531-544.
- Podsakoff, P. M., MacKenzie, S. B., & Podsakoff, N. P. (2012). Sources of method bias in social science research and recommendations on how to control it. *Annual Review of Psychology*, 63, 539-569.

- Podsakoff, P. M., MacKenzie, S. B., Lee, J.-Y., & Podsakoff, N. P. (2003). Common method biases in behavioral research: A critical review of the literature and recommended remedies. *Journal of Applied Psychology*, 88, 879-903.
- Pratt, T. C., & Cullen, F. T. (2000). The empirical status of Gottfredson and Hirschi's general theory of crime: A meta-analysis. *Criminology*, 38, 931–964.
- Purpora, C. (2012). Horizontal violence and its relationship to quality of care. In G.
 L. Gillespie, & D. M. Gates (Eds.), Proceedings of the National Conference for Workplace Violence Prevention & Management in Healthcare Settings (pp. 11-19). USA: University of Cincinnati.
- Quine, L. (1999). Workplace bullying in NHS community trust: Staff questionnaire survey. *British Medical Journal*, *318*(7178), 228-232.
- Quine, L. (2001). Workplace bullying in nurses. *Journal of Health Psychology*, 6(1), 73-84.
- Radzi, S. M., Ramley, S. Z. A., Salehuddin, M., & Othman, Z. (2009). An empirical assessment of hotel departmental managers turnover intentions: The impact of organizational justice. *International Journal of Business and Management*, 4(8), 173.
- Rayner, C. (1999). From research to implementation: Finding leverage for prevention. *International Journal of Manpower*, 20(1/2), 28-38.
- Rayner, C., Hoel, H., & Cooper, C. L. (2003). Workplace Bullying: What we know, who is to blame and what can we do. London, England: Taylor & Francis.

- Reisel, W. D., Probst, T. M., Chia, S. L., Maloles, C. M., & König, C. J. (2010). The effects of job insecurity on job satisfaction, organizational citizenship behavior, deviant behavior, and negative emotions of employees. *International Studies of Management and Organization*, 40(1), 74-91.
- Restubog, S. L. D., Garcia, P. R. J. M., Wang, L., & Cheng, D. (2010). It's all about control: The role of self-control in buffering the effects of negative reciprocity beliefs and trait anger on workplace deviance. *Journal of Research in Personality*, 44(5), 655-660.
- Richman, J. A., Rospenda, K. M., Nawyn, S. J., Flaherty, J. A., Fendrich, M., Drum, L. (1999). Sexual harassment and generalized workplace abuse among university employees: Prevalence and mental health correlates. *American Journal of Public Health*, 89(3), 358-363.
- Rink, A. N. (2009). The influence of negative affectivity on depressive symptoms, perceived social support and marital satisfaction among African American women (Master thesis, Iowa State University, USA). Retrieved from http://lib.dr.iastate.edu/cgi/viewcontent.cgi?article=1800&context=etd
- Roberts, K., & Young, W. (1997). Procedural fairness, return to work, and the decision to dispute in workers' compensation. *Employee Responsibilities and Rights Journal*, 10(3), 193-212.
- Rodríguez, M. A., Moreno, J. B., Baillien, E., Sanz, V. A., & Moreno, L. Y. (2011). The bullied who bullies: The reciprocal relationship between victim and aggressor in workplace bullying situations. *Psicothema*, 24(3), 358-363.

- Rodwell, J., & Demir, D. (2012). Oppression and exposure as differentiating predictors of types of workplace violence for nurses. *Journal of Clinical Nursing*, 21(15), 2296-2305.
- Rothbaum, F. Weisz, J. R., & Snyder, S. S. (1982). Changing the world and changing the self: A two-process model of perceived control. *Journal of Personality and Social Psychology*, 42(1), 5-37.
- Salin, D. (2003). Ways of explaining workplace bullying: A review of enabling, motivating and precipitating structures and processes in the work environment. *Human Relations*, 56(10), 1213-1232.
- Salin, D. (2008). Organisational responses to workplace harassment: An exploratory study. *Personnel Review*, 38(1), 26-44.
- Santinello, M., Vieno, A., & De Vogli, R. (2011). Bullying in Italian schools: The role of perceived teacher unfairness. *European Journal of Psychology of Education*, 26(2), 235-246.
- Sarchione, C. D., Cuttler, M. J., Muchinsky, P. M., & Nelson-Gray, R. O. (1998).

 Prediction of dysfunctional job behaviors among law enforcement officers. *Journal of Applied Psychology*, 83(6), 904-912
- Sekaran, U., & Bougie, R. (2010). Research methods for business: A skill building approach. UK: John Wiley & Sons.
- Shalvi, S., Eldar, O., & Bereby-Meyer, Y. (2012). Honesty requires time and lack of justifications. *Psychological Science Journal*, 23(10), 1264-1270.

- Sharipova, M., Hogh, A., & Borg, V. (2010). Individual and organizational risk factors of work-related violence in the Danish elder care. *Scandinavian Journal of Caring Sciences*, 24(2), 332-340.
- Simon, S. (2008). Workplace bullying experienced by Massachusetts registered nurses and the relationship to intention to leave the organization. *Advances in Nursing Science*, 31(2), 48-59.
- Singleton, R. A., & Straits, B. C. (2005). *Approaches to social research*. New York: Oxford University Press.
- Skarlicki, D. P., Folger, R., & Tesluk, P. (1999). Personality as a moderator in the relationship between fairness and retaliation. *Academy of Management Journal*, 42(1), 100-108.
- Snijders, T. A. B. (2005). Power and sample size in multilevel linear models. *Encyclopedia of statistics in behavioral science*, 3, 1570-1573.
- Somani, R. K., & Khowaja, K. (2012). Workplace violence towards nurses: A reality from the Pakistani context. *Journal of Nursing Education and Practice*, 2(3), 148-154.
- Spector, P. E. (2006). Method variance in organizational research: Truth or urban legend. *Organizational Research Methods*, *9*, 221-232.
- Speilberger, C. D. (1999). State-trait anger expression inventory-2: Professional manual. Odessa, FL: Psychological Assessment Resources.
- Stevens, V., De Bourdeaudhuij, I., & Van Oost, P. (2002). Relationship of the family environment to children's involvement in bully/victim problems at school. *Journal of Youth and Adolescence*, *31*(6), 419-428.

- Sutinen, R., Kivimaki, M., Elovainio, M., & Virtanen, M. (2002). Organizational fairness and psychological distress in hospital physicians. *Scandinavian Journal of Public Health*, 30(3), 209-215.
- Sverke, M., Hellgren, J., & Näswall, K. (2002). No security: A meta-analysis and review of job insecurity and its consequences. *Journal of Occupational Health Psychology*, 7(3), 242-264.
- Sweeney, P. D., & McFarlin, D. B. (1993). Workers' evaluations of the ends and the means: An examination of four models of distributive and procedural justice. *Organizational Behavior and Human Decision Processes*, 55(1), 23-40.
- Tabachnick, B. G., & Fidell, L. S. (2007). *Using multivariate statistics*. Boston, MA: Allyn & Bacon/Pearson Education.
- Tangney, J. P., Baumeister, R. F., & Boone, A. L. (2004). High self-control predicts good adjustment, less pathology, better grades, and interpersonal success. *Journal of Personality*, 72(2), 271-324.
- Tehrani, N. (2004). Bullying: A source of chronic post-traumatic stress. *British Journal of Guidance and Counseling*, 32, 358-366.
- Tepper, B. J., Duffy, M. K., Henle, C. A., & Lambert, L. S. (2006). Procedural injustice, victim precipitation, and abusive supervision. *Personnel Psychology*, 59(1), 101-123.
- Thibaut, J. W., & Walker, L. (1975). *Procedural justice: A psychological analysis* (pp. 1141-1160). New York, NY: Erlbaum Associates.

- Tinuke. M., F. (2013). Managing workplace bullying, *Journal of Human Resource*Management, 1(3), 39-47.
- Tsuno, K., Kawakami, N., Inoue, A., & Abe, K. (2010). Measuring workplace bullying: Reliability and validity of the Japanese version of the negative acts questionnaire. *Journal of Occupational Health*, 52(4), 216-226.
- Unnever, J. D., & Cornell, D. G. (2003). Bullying, self-control, and ADHD. *Journal of Interpersonal Violence*, 18(2), 129-147.
- UNRWA. (2011). United Works Agency for Palestine Refugees in the Near East,

 Statistics Report. Retrieved from
 http://www.unrwa.org/userfiles/2011120434013.pdf
- Vartia, M. (1996). The sources of bullying–psychological work environment and organizational climate. *European Journal of Work and Organizational Psychology*, 5(2), 203-214.
- Vartia, M. A. (2001). Consequences of workplace bullying with respect to the well-being of its targets and the observers of bullying. *Scandinavian Journal of Work, Environment, & Health*, 27(1), 63-69.
- Vartia, M., & Hyyti, J. (2002). Gender differences in workplace bullying among prison officers. *European Journal of Work and Organizational Psychology*, 11(1), 113-126.
- Vessey, J. A., DeMarco, R. F., Gaffney, D. A., & Budin, W. C. (2009). Bullying of staff registered nurses in the workplace: A preliminary study for developing personal and organizational strategies for the transformation of hostile to

- healthy workplace environments. *Journal of Professional Nursing*, 25(5), 299-306.
- Vie, T. L., Glasø, L., & Einarsen, S. (2010). Does trait anger, trait anxiety or organisational position moderate the relationship between exposure to negative acts and self-labelling as a victim of workplace bullying? *Nordic Psychology*, 62(3), 67-79.
- Vink, J. M., & Boomsma, D. I. (2008). A comparison of early and late respondents in a twin-family survey study. *Twin Research and Human Genetics*, 11, 165-173.
- Virkkunen, M., De Jong, J., Bartko, J., Goodwin, F. K., & Linnoila, M. (1989).

 Relationship of psychobiological variables to recidivism in violent offenders and impulsive fire setters: A follow-up study. *Archives of General Psychiatry*, 46(7), 600-603.

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- Viswesvaran, C., & Ones, D. S. (2002). Examining the construct of organizational justice: A meta-analytic evaluation of relations with work attitudes and behaviors. *Journal of Business Ethics*, *38*(3), 193-203.
- Warshaw, L. J., & Messite, J. (1996). Workplace violence: Preventive and interventive strategies. *Journal of Occupational and Environmental Medicine*, 38(10), 993-1006.
- Watson, D., & Clark, L. A. (1984). Negative affectivity: The disposition to experience aversive emotional states. *Psychological Bulletin*, *96*(3), 465-490.

- Wei, F., & Si, S. (2013). Tit for tat? Abusive supervision and workplace bullying behaviors: The moderating effects of locus of control and perceived mobility.

 *Asia Pacific Journal of Management, 30(1), 281-296.
- Willness, C. R., Steel, P., & Lee, K. (2007). A meta-analysis of the antecedents and consequences of workplace sexual harassment. *Personnel Psychology*, 60(1), 127-162.
- World Bank. (2010). *Health Expenditure per Capita*. Retrieved from http://data.worldbank.org/indicator/SH.XPD.PCAP
- Yildirim, A., & Yildirim, D. (2007). Mobbing in the workplace by peers and managers: Mobbing experienced by nurses working in healthcare facilities in Turkey and its effect on nurses. *Journal of Clinical Nursing*, 16(8), 1444-1453.
- Ylipaavalniemi, J., Kivimaki, M., Elovainio, M., Virtanen, M., Keltikangas-Järvinen, L., & Vahtera, J. (2005). Psychosocial work characteristics and incidence of newly diagnosed depression: A prospective cohort study of three different models. Social Science & Medicine, 61(1), 111-122.
- Zapf, D. (1999). Organizational, work group related and personal causes of mobbing/bullying at work. *International Journal of Manpower*, 20(2), 70-85.
- Zapf, D., & Einarsen, S. (2001). Bullying in the workplace: Recent trends in research and practice. *European Journal of Work and Organizational Psychology*, 10(4), 369-373.

- Zimmerman, B. J., Bandura, A., & Martinez-Pons, M. (1992). Self-motivation for academic attainment: The role of self-efficacy beliefs and personal goal setting. *American Educational Research Journal*, 29(3), 663-676.
- Zapf, D., & Gross, C. (2001). Conflict escalation and coping with workplace bullying: A replication and extension. *European Journal of Work and Organizational Psychology*, 10(4), 497-522.
- Zapf, D., & Warth, K. (1997). Mobbing: Subtile kriegsführung am arbeitsplatz.

 Psychologie Heute, 8, 20-26.
- Zapf, D., Einarsen, S., Hoel, H., Vartia, M., & Cooper, C. (2003). Empirical findings on bullying in the workplace. *Bullying and Emotional Abuse in the Workplace: International Perspectives in Research and Practice*, 103-126.
- Zapf, D., Knorz, C., & Kulla, M. (1996). On the relationship between mobbing factors, and job content, social work environment, and health outcomes. European Journal of Work and Organizational Psychology, 5(2), 215-237.
- Zikmund, W. G., Babin, B. J., Carr, J. C., & Griffin, M. (2010). *Business research methods*. South-Western, Canada: Cengage Learning.
- Zillmann, D. (1988). Cognition-excitation interdependences in aggressive behavior. *Aggressive Behavior*, 14(1), 51-64.