

## **Nihal E. Mohamed**

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### **ACADEMIC APPOINTMENT**

Ph.D. (Magna Cum Laude) Health Psychology/Health Psychology, Free University, Germany.  
Graduation: October 2004 .  
Dissertation advisor: Prof. Ralf Schwarzer.  
Dissertation title: Finding meaning in cancer: The role of social and personal resources.

M.S. Psychology. University of Khartoum, Sudan, 1998.

B.S (Honor) Psychology. University of Khartoum, Sudan, 1995.

Diploma Cancer Prevention. The National Cancer Institute, USA, 2006.

### **HOSPITAL APPOINTMENT**

7/2010-Present Research Assistant Professor

4/2007 – 6/2010 Project manager, Department of Urology and Oncological Sciences, Mount Sinai School of Medicine, Mount Sinai, NY

1/2006 – 3/2007 Research assistant, Department of Urology and Oncological Sciences, Mount Sinai School of Medicine, Mount Sinai, NY

12/2005 – 1/2005 Research assistant, Department of Behavioral Sciences, The Cancer Institute of New Jersey, NJ

### **EDUCATION APPOINTMENT**

5/1996-1/1998 Academic assistant, Department of psychology, Khartoum University, Sudan

2/1989-8/2000 Lecturer, Department of Psychology, Khartoum University, Sudan

## POST DOCTORAL APPOINTMENT

1/2005-12/2005

Health Psychology. (Mentor: Dr. Linda Patrick-Miller)

1/2006-2008

Health Psychology. (Mentor: Dr. Michael A. Diefenbach)

## HONORS/AWARDS/PATENTS

- Travel award to attend The NIH-The Science of Eliminating Health Disparities Summit. December 16 – 18, 2008. The Gaylord National Resort and Convention Center in National Harbor, MD. 2008
- SBM Citation Awards: Diefenbach, M. & Mohamed, N. E. (2008, March). “Longitudinal Associations among Decisional Regret, Depression, and Quality of Life in Patients Treated with External Beam Radiation Therapy”. Paper presented at SBM, San Diego, USA
- Fellowship of the NCI Summer Curriculum in Cancer Prevention.2006
- Manuscript ranked number 1 in the top 10 full text downloads from *Psychology, Health and Medicine* in 2006. [Luszczynska, A., Mohamed, N. E., & Schwarzer, R. (2005). Self-Efficacy and social support predict benefit finding 11 months after cancer surgery: The mediating role of coping. *Psychology, Health, and Medicine* 10(3), 365-375]
- The LIFE Center Post-Doctoral Fellow in Behavioral Science. (The Cancer Institute of New Jersey-UMDNJ), 2006
- The German Society for Health Psychology’s (DGPS) Award for Outstanding Posters (Leipzig 2004).
- Ph.D. Degree awarded with Honors (Magna Cum Laude) in Health Psychology. 2000 – 2004.
- The German Academic Exchange Service Program Fellowship (DAAD). 2000-2004.
- B.A. Degree awarded with Honors in Psychology, University of Khartoum, Sudan. 1996.

## **RESEARCH REVIEW**

2009-Present	Ad hoc Reviewer: Journal of Psychology Health and Medicine
2009-Present	Ad hoc Reviewer: Journal of Health Psychology
2009-Present	Ad hoc Reviewer: Quality of Life Research
2005-Present	Ad hoc Reviewer: Journal of Social and Clinical Psychology
2009-Present	Ad hoc Reviewer: Contemporary Clinical Trial
2006-Present	Co editor: Journal of European Health Psychologist
1/2011- Present	Reviewer: Society of Behavioral Medicine (SBM)

## **PROFESSIONAL MEMBERSHIPS**

- American Psychological Society
- Society of Behavioral Medicine
- International Society of Behavioral Medicine
- European Health Psychology Society
- The German Society of Psychology
- The Sudanese Society of Psychology
- European Health Psychology Society representative at the United Nation-Department of Public Information (UN-DPI)

## **TRAINING RECORD**

### **TEACHING ACTIVITIES**

1996-1998	Teaching Assistant, Department of Psychology, Khartoum, Sudan
1998-2000	Lecturer, Department of Psychology, Khartoum, Sudan
2000-2004	Organized lectures on health psychology, Department of Psychology, Free University of Berlin, Germany

## **EDITORIAL BOARD**

European Health Psychologist (present)

## **TEACHING EXPERIENCE**

- Survey and Research Methods (Department of Psychology, Khartoum University, Sudan).
- Introduction to Quantitative Methods (Department of Psychology, Khartoum University, Sudan).
- Cognitive Psychology (Department of Psychology, Khartoum University, Sudan).

- Physiological Psychology (Department of Psychology, Khartoum University, Sudan).
- Advanced topics in health psychology: Department of psychology (Free University).

## **GRANTS AND CONTRACT SUPPORT**

### **PAST**

A Study to increase breast cancer awareness among high school students

The LIFE Center Award in Behavioral Science. (Patrick-Miller, L.) 2005-1/15/2006

The Cancer Institute of New Jersey-UMDNJ.

Aims: This study aimed at designing an educational intervention to increase breast cancer awareness among high school students.

Role: Post-doctoral research associate.

### **CURRENT**

NCI 2P01-CA057586-09A2 (Program Project PI: Al Marcus)

10/2006 – 9/2011

CIS Research Consortium:

Project Leader for Project 1 (Diefenbach, M.A., Ph.D): Preparatory interventions for prostate cancer.

This program project, involving 3 projects and 4 cores develops and evaluates three different interactive multimedia programs for prostate and breast cancer patients as well as for breast cancer survivors for the Cancer Information Service.

Role: Research Manager

DOD (Program Project PI: Michael Diefenbach, Ph.D.)

06/2011-06/2013

DOD

An Intervention To Reduce Hot Flashes Among Prostate Cancer Patients.

This program project, aims at examining the feasibility and acceptability of a paced respiration intervention for patients with rising PSA and receiving hormone therapy. In this study Focus Groups will be conducted to examine hot flashes and the acceptability of the intervention among prostate cancer patients with rising PSA and a pilot study will be conducted to further explore this issues.

Role: Co-Investigator

ACS (Program Project PI: Nihal Mohamed, Ph.D.)

07/2011-07/2016

ACS Mentored Research Grant

An Educational Intervention For Patients with Invasive Bladder Cancer.

This program project, aims at examining the feasibility and acceptability of an educational and training intervention to improve quality of life and post-treatment health care among patients recently diagnosed with invasive bladder cancer. Focus groups and a controlled-randomized study will be conducted to examine study outcomes.

### **PENDING**

R03 (Program Project PI: Nihal Mohamed, Ph.D.)

NCI-R03

NCI Career development grants

Examining the needs of invasive bladder cancer and their caregivers: From diagnosis to survivorship. This study explore informational, psychological, support needs of both invasive bladder cancer patients and the caregivers across different stage of the cancer trajectory.

## **PUBLICATIONS**

### **Refereed Journals**

1. Diefenbach M. A., Mohamed N.E, Butz, B.P, ; 1Natan Bar-Chama, Stock R., Cesaretti, J., Hassan W., Samadi D., & Hall S. A pilot study to examine the feasibility and preliminary outcomes of an interactive, multimedia education and decision program for early-stage prostate cancer patients (submitted). *Journal of Medical Informatics Research*.
- 2.
3. Mohamed, N. E, Diefenbach, MA, Honore, H., Latini, D. Lee, C., HassanW., & Hall, S., (Submitted). Invasive bladder cancer: From diagnosis to survivorship. *Patient Education and Counseling*
4. Mohamed, N. E, Diefenbach, Hall, S. (in preparation). Examining racial differences in prostate cancer treatment decision making. *Psychology, Health, and Medicine*
5. Mohamed, N. E, Diefenbach, M, Montgomery, G H, Hall, SJ, Bovbjerg, D H. (*underr publication*). Pre-treatment depressive symptoms and treatment modality predict post-treatment disease-specific quality of life among patients with localized prostate cancer. *Urologic Oncology*.
6. Mohamed, N. E., & Diefenbach, M. A. (2010) Bladder cancer treatment decision making: Results of patients' interviews. *Annals of Behavioral Medicine*, 39, 57-57
7. Diefenbach, M, Mohamed, N. E. Horwitz, E. & Pollack, A. (2008). Longitudinal associations among quality of life and its predictors in patients treated for prostate cancer: The moderating role of age. *Psychology, health, & Medicine*, 13(2): 146 – 161.
8. Diefenbach, M, & Mohamed, N. E. (2007). Regret of treatment decision and its association with disease-specific quality of life following prostate cancer treatment. *Cancer Investigation*, 25: 1-9.
9. Luszczynska, A., Mohamed, N. E., & Schwarzer, R. (2005). Self-Efficacy and social support predict benefit finding 11 months after cancer surgery: The mediating role of coping. *Psychology, Health, and Medicine* 10(3), 365-375
10. Schwarzer, R., Böhmer, S., Luszczynska, A., Mohamed, N. E., & Knoll, N. (2005). Dispositional self-efficacy as a personal resource factor in coping after surgery. *Personality & Individual Differences*, 39, 807-818.

11. Mohamed, N. E. & Böhmer, S. (2004). A German translation of the Benefit Finding Scale: Adaptation und psychometric properties. *Medizinische Psychologie*, 13, 85-91.
12. Schulz, U. & Mohamed, N. E. (2004). Turning the tide: benefit finding after cancer surgery. *Social Science and Medicine*, 59, 653-662.
13. Mohamed, N.E. & Mayers, S. (2002). Health and Globalization. In Schwarzer R. Jerusalem M, Weber H (ed.) *Health Psychology: From A to Z*. Goetingen; Hogrefe, 349-352
14. Diefenbach, M, Mohamed, N. E., Turner, G, & Diefenbach, K. (2009). Psychosocial intervention: An overview. In Suls et al, *Handbook of Health Psychology*. Guilford

## CONFERENCE PRESENTATIONS

1. Mohamed, N.E., & Diefenbach, M.A. (2011, May). "Differences between African American and white men in prostate cancer treatment-related expectations, worries, and decisional conflict and regret." . Poster presented at American Urological Association (AUA), DC.
2. Diefenbach, M.A, Mohamed, N.E., Simon J. Hall. (2011, May). "Clinical Depression at the time of prostate cancer diagnosis predicts sexual and urinary dysfunction 6 months post-treatment for localized prostate cancer ." .Paper presented at American Urological Association (AUA), DC.
3. Diefenbach, M.A, Mohamed, N.E., Simon J. Hall. (2011, May). "Examining an interactive multimedia educational and decision program for early stage prostate cancer patients." Paper presented at American Urological Association (AUA), DC.
4. Mohamed, N.E., & Diefenbach, M.A. (2010, March). "Bladder cancer treatment decision, management, and psychosocial outcomes: Results of patients' interviews". Paper to be presented at Society of Behavioral Medicine (SBM), Seattle.
5. Mohamed, N.E., & Diefenbach, M.A. (2010, August). "Psychosocial issues in bladder cancer survivors: Results of patients' interviews". Poster to be presented at Society of Behavioral Medicine (ISBM), Washington DC.
6. Diefenbach, M.A. Mohamed, N.E. (2009, October). "Decisional conflict, sexual function, and depression at diagnosis predict fear of recurrence six months after treatment among men with prostate cancer". Paper presented at the 5<sup>th</sup> International Shared Decision Making Conference, Boston, MA, USA
7. Mohamed, N.E., & Diefenbach, M.A. (2009, March). Differences between African American and white men in worries and expectations about prostate cancer treatment, need for Information, and decisional regret. Paper presented at Society of Behavioral Medicine (SBM), Montreal.

8. Diefenbach, M.A. Mohamed, N.E. (2009, October). "Facing Cancer Together: His Story, Her Story, and Their Story" .. Paper presented at Society of Behavioral Medicine (SBM), Montreal.
9. Mohamed N E, Bar-Chama N, & Diefenbach, M A. (2009, March). Perception of infertility, emotional wellbeing, and sexual function among women undergoing infertility treatment. Poster presented at Society of Behavioral Medicine (SBM), Montreal.
10. Mohamed, N.E., Diefenbach, M.A. (2008, December). "Examining beliefs and expectations about prostate cancer treatment, decision conflict, and regret of treatment decision among African American/Black and White men with early stage of prostate cancer: A Comparative study". Poster to be presented at the NIH Summit: The Science of Eliminating Health Disparities, MD, USA
11. Diefenbach, M.A. Mohamed, N.E. (2008, October). "Depressive symptoms influence treatment decision processes among newly diagnosed prostate cancer patients". Paper presented SMDM, Philadelphia, USA
12. Mohamed, N. E. & Diefenbach, M. (2008, March). "Examining Psychological Distress, Worries about Cancer Recurrence, and Illness Representations: A 12-month Study of Spouses of Patients Treated for Early Stage Prostate Cancer". Paper presented at SBM, San Diego, USA
13. Diefenbach, M.A. Mohamed, N.E. Hall, S.J. (2008, March). "Evaluating the Prostate Interactive Education System (PIES): Results from a RCT". Paper presented at SBM, San Diego, USA
14. Mohamed, N. E. & Diefenbach, M. (2007, March). "Longitudinal associations between treatment side effects and general QOL: The mediating roles of cognitive and affective variables ". Paper presented at SBM, Washington, DC, USA
15. Diefenbach, M. & Mohamed, N. E., Et al., (2007, March). "Pre-treatment depression levels predict treatment severity side effects in prostate cancer patients ". Poster presented at SBM, Washington, DC, USA
16. Mohamed, N. E. & Schwarzer, R. (2006, October). "A study on the Development of Meaning Found in Cancer: The Role of Personal and Environmental Factors". Paper presented at IPSS, Washington, DC, USA
17. Mohamed, N. E. & Schwarzer, R. (2006, July). "That which does not kill us makes us stronger: patients coping with and finding meaning in cancer ". Paper presented at UICC World Cancer Congress, Washington, DC, USA
18. Mohamed, N. E. & Diefenbach, M. (2006, July). "The Roles of treatment modality and quality of life for regret of treatment decision: A Longitudinal study ". Paper presented at UICC World Cancer Congress, Washington, DC, USA
19. Diefenbach, M., & Mohamed, N. E. (2006, May). "Associations between quality of life, regret of treatment decision, and emotional wellbeing: A 36-month study on prostate cancer patients". Poster to be presented at The 18th Annual Convention of APS, New York, USA

20. Diefenbach, M., Dudley, B., Jasti, S., & Mohamed, N. E. (2006, March). "Long-term quality of life among prostate cancer survivors: A Growth Curve Modeling Approach". Poster presented at the 27th Annual Meeting of the Society of Behavioral Medicine, San Francisco, USA
21. Diefenbach, M., & Mohamed, N. E. (2006, May). "Prostate Cancer Treatment Decision Making, Regret, and Quality of Life". Invited talk at the Comprehensive Cancer at Ohio State University.
22. Diefenbach, M., & Mohamed, N. E. (2006, February). Prostate Cancer Treatment Decision and Quality of Life. Invited talk at Department Of Psychology, Fordham University, New York.
23. Mohamed, N.E. (2005, October). "Personal growth and finding meaning after cancer: A Longitudinal study of coping and adjustment". Invited paper presented at the Center for Study of Health Beliefs and Behavior/Rutgers University, New Jersey, USA
24. Mohamed, N.E., Schwarzer, R. (2005, October). "The Role of Personal and Social Resources and Coping for Finding Meaning in Cancer: A Longitudinal study". Paper presented at the fourth International Positive Psychology Summit, Washington DC, USA
25. Mohamed, N.E., Luszczynska, A. & Böhmer, S. (2005, August). "Age, Gender, and Patterns of Coping with Cancer in The First Year Following Surgery". Poster presented at the 19<sup>th</sup> Annual Conference of European Health Psychology Society (EHPS), Galway, Ireland.
26. Mohamed, N.E., Böhmer, S. Luszczynska, A. & Shulz, U. (2005, August). "Received Social Support Enhances Patients' Active and Accommodative Coping Within the Year Following Cancer Surgery". Poster presented at the 19<sup>th</sup> Annual Conference of European Health Psychology Society (EHPS), Galway, Ireland.
27. Mohamed, N.E. & Luszczynska, A. (2004, July). "The effect of Self-efficacy and social support on finding meaning in cancer: mediating role of active coping". Poster presented at the 25<sup>th</sup> STAR conference, Amsterdam, Netherlands.
28. Luszczynska, A. & Mohamed, N.E. (2004, July). "Measuring dispositional self-regulation: attention control in stress and goal pursuit". Paper presented at the 25<sup>th</sup> STAR conference, Amsterdam, Netherlands.
29. Mohamed, N.E. & Böhmer, S. (2004, June). "Coping with, construing benefits from, and adjusting to cancer": Patients coping with cancer. Paper presented at the 18<sup>th</sup> Annual Conference of European Health Psychology Society (EHPS), Helsinki, Finland.
30. Mohamed, N.E. & Böhmer, S. (2004, March). Adjusting to and finding meaning in cancer: the role of resources and coping. Poster presented at the VI. Kongress für Gesundheitspsychologie, Leipzig, Germany.
31. Mohamed, N.E. & Luszczynska, A. (2004, March). "Seeing the light at the end of the tunnel": Patients coping with cancer. Paper presented at the VI. Kongress für Gesundheitspsychologie, Leipzig, Germany.
32. Mohamed, N. E. & Taubert, S. (2003, May). Benefit finding and adjustment: cancer patients one year postsurgery. Paper presented at the VIII. European Conference on Traumatic Stress, Berlin,



Germany.

33. Luszczynska, A & Mohamed, N.E. (2003, August). Sense of coherence, coping, and well-being among survivors of domestic violence. Paper presented at the VIII. European Conference on Traumatic Stress, Berlin, Germany.
34. Böhmer, S., Schulz, U. & Mohamed, N.E. (2003, September). The role of self-efficacy, social support, and coping on quality of life after tumour-related surgery. Paper to be presented at the 17th EHPS Congress, Kos, Greece.
35. Abu-Najma, E & Mohamed, N.E. (2000, October) The African man as a cultural other: The case of the west. Khartoum University Congress on African Culture, Khartoum, Sudan.