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EDUCATION

- 3/2004- 6/2007 **PhD.** University of Haifa, School of Public Health, Graduate Studies Authority, Haifa, Israel. Dissertation: Evaluating the impact of an evidence-based medicine intervention on primary care physicians' attitudes, knowledge, and clinical behavior (drug utilizations and test ordering): a controlled trial.
- 10/99- 03/2002 **MPH.** The Hebrew University, Braun School of Public Health and Community Medicine, Jerusalem, Israel. Concentration: Management and Health Economics. Thesis: The association between individual, psychosocial, and occupational risk factors to the prevalence of upper extremity musculoskeletal symptoms.
- 10/96- 6/1999 **BEd** (honors). Zinman College of Physical Education and Sports Science at the Wingate Institute, Netanya, Israel. Major: Physical Education. Concentration: Preventive Exercise (Kinesiology).

PROFESSIONAL EXPERIENCE

- 7/2008- Present **Assistant Professor of Epidemiology**
School of Public Health, University of Texas Health Science Center
Houston, Dallas Regional Campus, Dallas, TX
- 12/2006- 7/2008 **Senior Research Associate - Research Scientist/ Assistant Director of
Lifestyle and Behavioral Medicine**
Yale-Griffin Prevention Research Center, Yale University School of
Medicine, Derby, CT.
- 10/ 2004-7/2006 **Lecturer**
Department of Health Promotion and Education, Ohalo College of
Physical Education, Qatzrin, Israel.
- 10/ 2003-7/2005 **Teaching Assistant** in Epidemiology (I, II), Research Methods, and
Lifestyle Modification courses. School of Public Health, Haifa University,
Haifa, Israel.

PAST RESEARCH SUPPORT

1. 2007- 2008- NIH National Center for Research Resources Clinical Translational Science Award through the Yale Center for Clinical Investigation (YCCI) Community Alliance for Research and Engagement (CARE). Evaluating the impact of a violence prevention program on urban youths' violence perceptions and behavior. The objective of the pilot study is to assess the impact of a school based violence prevention program on students' behavior. Role: Co- PI (jointly with Nora Groce and Charles Pillsbury).

2. 12/2006 - 07/2008 U48 DP000053-01 , CDC. Meeting Community Needs Across the Prevention Spectrum. The major goal of this project is to advance health promotion and disease prevention in the Lower Naugatuck Valley by identifying and responding to community health priorities. Role: Assistant Director and Research Scientist (PI: Paul Cleary; Center Grant, David Katz as Director).

3. 2004- 2006- Roter's Health Service Research Grant (Maccabi Health Services)- Evaluating the impact of an EBM intervention on primary care physicians attitudes, knowledge, and clinical behavior. The objective of the study was to assess whether a multifaceted educational intervention would modify physicians' test ordering and prescription performance in a busy clinical setting. Role: PI.

IN PREPARATION

R21- NIH- RAD1 (Rapid Assessment Disuse Index).

The purpose of this proposal is to develop a rapid assessment tool for quantifying and tracking sedentary and very low levels of daily lifestyle activity and to determine the utility of this assessment tool in the health care setting.

PUBLICATIONS

1. **Shuval K**, Weissbluth E, Araida A, Brezis M, DiPietro L. Individual and socio-ecological correlates of physical activity among Arab and Jewish Israeli college students. *Journal of Physical Activity and Health*. In Press.

2. **Shuval K**, Weisblueth E, Brezis M, Araida A, Faridi Z, Ali A, Katz DL. The Role of Culture, Environment, and Religion in the Promotion of Physical Activity among Arab Israelis. *Preventing Chronic Disease* 2008; 5: A88.

3. Faridi Z, Lauren Liberty, **Shuval K**, Northrup V, Ali A, Katz D. Evaluating the impact of mobile-telephone technology on type 2 diabetic patients' self-management: The NICHE pilot study. *Journal of Evaluation in Clinical Practice* 2008; 14: 465-469.
4. Katz DL, **Shuval K**, Comerford BP, Faridi Z, Njike VY. Impact of an educational intervention on internal medicine residents' physical activity counseling: The Pressure System Model. *Journal of Evaluation in Clinical Practice* 2008; 14: 294-299.
5. Yeh MC, Ickes SB , Lowenstein LM, **Shuval K**, Ammerman AS , Farris R, Katz DL. Understanding barriers and facilitators of fruit and vegetable consumption among a diverse multi-ethnic population in the United States. *Health Promotion International* 2008; 23: 42-51.
6. **Shuval K**, Sachack A, Linn S, Brezis M, Reis S. Evaluating Primary Care Physicians' Evidence-Based Medicine skills in busy urban settings. *Journal of Evaluation in Clinical Practice* 2007; 13: 576- 580.
7. **Shuval K**, Sachack A, Linn S, Brezis M, Feder-Bubis P, Reis S. The impact of an evidence-based medicine educational intervention on Primary Care Physicians: A qualitative study. *Journal of General Internal Medicine* 2007; 22: 327-331.
8. **Shuval K**, Berkovits E, Hekselman I, Netzer D, Linn S, Brezis M, Reis S. Evaluating the impact of an evidence-based medicine educational intervention on primary care physicians' attitudes, knowledge, and clinical behavior: a controlled trial and before and after study. *Journal of Evaluation in Clinical Practice* 2007; 13: 581- 598.

9. Shachak A, **Shuval K**, Fine S. Barriers and enablers to bioinformatics acceptance: a qualitative study. *Journal of Medical Library Association* 2007; 95: 454- 458.
10. **Shuval K**, Dunchin M. Prevalence of upper extremity musculoskeletal symptoms and ergonomic risk factors at a Hi-Tech company in Israel. *International Journal of Industrial Ergonomics* 2005; 35: 569-581.
11. Leitner M, Scher G, **Shuval K**. Peace-making through recreation: the positive effects of intergenerational activities on the attitudes of Israeli Arabs and Jews towards each other. *World Leisure and Recreation* 1999; 41: 25-30.

UNDER REVIEW

1. **Shuval K**, Linn S, Brezis M, Shadmi E, Green ML, Reis S. Association between primary care physicians' Evidence-Based Medicine knowledge and quality of care. Submitted.
2. Njike VY, Faridi Z, **Shuval K**, Dutta S, Katz DL. Sustained effects of sugar free and sugared cocoa on the endothelial function: A Randomized, Controlled Trial. Submitted.
3. Faridi Z, **Shuval K**, Njike V, Katz J, Jennigs G, Williams M, Katz DL. Partners Reducing Effects of Diabetes (PREDICT): A Diabetes Prevention Physical Activity and Dietary Intervention through African American Churches. Revised and resubmitted.

CONFERENCES

- **Shuvak K**, Weissblueth E, Brezis M. The Environment and Physical Activity among Arabs in Israel. The 14th National Israeli Conference of Health Promotion and Education. November 2008.

- **Shuval K**, Weisblueth E, Brezis M, Araida A, Faridi Z, Ali A, Katz DL. Culture, Environment, and Religion in the Promotion of Physical Activity among Arab Israelis. Unite for Sight 5th Annual International Health Conference at Yale University- Building Global Health for Today and Tomorrow, April 2008.

- Katz DL, Jennings G, Williams M, Faridi Z, Katz J, **Shuval K**. Community Health Advisors as Advocates. American Public Health Association Annual Meeting, November 2007.

- Faridi Z, Northrup V, Liberti LS, Katz DL, **Shuval K**. Novel Interactive Cell phone technology for Health Enhancement (NICHE). American Public Health Association Annual Meeting, November 2007.

- Dauphinais KM, Katz DL, Faridi Z, **Shuval K**. Web-Based Obesity Counseling CME/Accreditation Program for Clinicians Coupled with a Reimbursement Mechanism. SGIM annaul meeting, 2007.

- **Shuval K**, Berkovits E, Hekselman I, Netzer D, Linn S, Brezis M, Reis S. The impact of an EBM intervention on primary care physicians' drug utilizations and test ordering behavior: a controlled trial. Israeli Society for Quality in Medicine Annual Conference, June 2007.

- **Shuval K**, Shachak A, Linn S, Brezis M, Feder Bubis P, Reis S. Barriers and Enablers towards implementing EBM in primary care. The Israeli Center for Qualitative Methodologies 2nd Annual Conference, June 2006.

- **Shuval K**, Shachak A, Linn S, Brezis M, Feder Bubis P, Reis S. Can an evidence-based medicine educational intervention enhance facilitators' and Primary Care Physicians' attitudes, knowledge, and clinical behavior? A qualitative study nested in a controlled trial. The 3rd Jerusalem International Conference on Health Policy, December 2006.

- **Shuval K**, Berkovits E, Hekselman I, Netzer D, Linn S, Brezis M, Reis S. Utilizing information technology for EBM in primary care. The Israeli Institute for Medical Informatics Annual Conference, May 2004.

SCHOLARSHIPS & AWARDS

1. Israel National Institute for Health Policy and Health Services Research. PhD scholarship award (competitive grant for PhD students).
2. Pfizer Health Policy Forum Award. Pfizer & Haifa University award for PhD dissertations.
3. Haifa University Research Authority. PhD 3 year scholarship for excellent doctoral students.

PEER REVIEWER

- Journal of Physical Activity and Health
- Health Education Research
- Preventing Chronic Disease
- Patient Education and Counseling

- Family Practice
- Scandinavian Journal of Work Environment and Health
- Health Expectations
- Abstract reviewer for the 2008 APHA conference- Public Health Education and Health Promotion program.
- Abstract reviewer for the 2009 National Conference on Chronic Disease Prevention and Control: Cultivating Healthy Communities.

PROFESSIONAL MEMBERSHIP

- American Public Health Association