

**BIOGRAPHICAL SKETCH**

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.  
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Walker, Elizabeth A.	POSITION TITLE		
eRA COMMONS USER NAME eawalker	Professor of Medicine and Professor of Epidemiology & Population Health		
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Chestnut Hill College, Philadelphia, PA	BS	1968	Biology
University of Notre Dame, South Bend, IN	MA	1969	Education/Biology
Creighton University, Omaha, NE	BSN	1976	Nursing
Catholic University of America, Washington, DC	PhD	1988	Nursing <i>Behavioral Science</i>

**A. Personal Statement.****B. Positions and Honors****Positions and Employment**

1976-1977 **University of Nebraska Medical Center**; Omaha, NE; Staff Primary Nurse for Med-Surg Unit  
 1977-1978 **Visiting Nurses Association of New Haven**, CT; Staff District Nurse  
 1979-1980 **Yale University Health Services**; New Haven, CT; Staff Nurse in Intermediate Care Facility  
 1980-1984 **Prince George's General Hospital and Medical Center**, Cheverly, MD; Coordinator of Diabetes Education  
 1984- Consultant in Diabetes Education for institutions, foundations (e.g., R.W. Johnson Foundation).  
 1988-1990 **State University of New York at Stony Brook**, Stony Brook, NY; Clinical Associate Professor of Nursing (Full-time academic appointment in the Master's Program for Adult Health Nursing)  
 1993- **Columbia University Teachers College**, NY, NY; Visiting Associate Professor of Health Education  
 1994- **Yale University School of Nursing**, New Haven, CT., Associate Clinical Professor, Primary Care Division.  
 1990- **Albert Einstein College of Medicine**, Bronx, NY: Assistant Professor (1990 – 1995), Associate Professor (1999–2004), Professor (2004 - present) of Epidemiology & Population Health; Associate Professor of Medicine (2001-2004); **Professor of Medicine** (July 2004 - present); Tenure granted 2007  
 1990- **Albert Einstein College of Medicine, Diabetes Research and Training Center (DRTC)**  
 1990-1997 Associate Director, Outreach Core  
 1998-2002 Director, Behavioral Methods and Evaluation Core  
 2000-2001 Co-director, DRTC Prevention and Control Division  
 2001- Director, DRTC Prevention and Control Core and Associate Director of the DRTC

**HONORS**

Excellence in Teaching Award, Graduate School of Nursing, State University of NY, Stony Brook, 1989; 1990.  
 Editor-in-Chief, *Diabetes Spectrum: From Research to Practice*, journal of the American Diabetes Association, 1992-95.

*American Association of Diabetes Educators*: National Board of Directors (1989 to 1992).

*National Steering Committee for Quality Assurance* in Capillary Blood Glucose Monitoring (1990 – 1992)

Invited Chair, New York State Diabetes Insurance Mandate. NY State Dept of Health (1995 – 1997)

Member Medication Adherence Workgroup. NIH, NIMH, Division of Mental Disorders (2000-2002)

*American Diabetes Association*: President, Health Care and Education (1999 – 2000); National Board of Directors (June 1995 – 2001; Chair, Dr. Rachmiel Levine Award for Distinguished Service (2000).

Scholar in Residence, The Rockefeller Foundation Study Center, Bellagio, Italy (March-April 2001)

Albert Einstein College of Medicine Committee on Clinical Investigations (IRB) (2001-present).

Principal Investigator/Program Director (Last, First, Middle):

Editorial Board, *Diabetes Care* (January 2002-2005); Reviewer (ongoing).

Expert Consultant to the NYC Department of Health and Mental Hygiene for facilitating health behavior change in primary care for the Diabetes and Depression Collaborative (June 2003-2005)

Research Grant Review Panel, American Diabetes Association. Three-year term from July 2004 - 2007.

NIH Research Grant Reviewer for NIDDK Special Emphasis Panels and *ad hoc* reviews of translational research in diabetes. 2002 – present; AHRQ grant reviewer (*ad hoc*) 2008-present.

CDC Expert Panel on Decision Making and Risk Perception in Chronic Disease, Co-chair. Jan 2005-2007

Named *Fellow of the American Association of Diabetes Educators* (FAADE). August 2008.

### C. Selected Peer-Reviewed Publications (From over 60).

1. Knowler WC, Barrett-Connor E, Fowler SE, Hamman RF, Lachin JM Walker EA, Nathan DM. Reduction in the incidence of Type 2 diabetes with lifestyle modification or metformin. *N Engl J Med* 346:393-403, 2002. PMID: PMC1370926
2. Caban A, **Walker EA**: A systematic review of cultural issues relevant to Hispanics with diabetes. *The Diabetes Educ* 12:584-595, 2006. PMID: 16873596
3. Scollan-Koliopoulis M, O'Connell K, **Walker EA**: Assessing legacies of diabetes: Recollections of family members' illness representations and outcomes. *J Theory Construction & Testing*. 9:40-49, 2006. PMID: 17426307
4. **Walker EA**, Molitch M, Kramer MK et al for the DPP Research Group: Adherence to preventive medications: Predictors and outcomes in the Diabetes Prevention Program. *Diabetes Care* 29:1997-2002, 2006. PMID: PMC1762037
5. **Walker EA**, Caban A, Schechter CB et al: Measuring comparative risk perceptions in an urban minority population. *The Diabetes Educ* 33:103-110, 2007. PMID: 17272796
6. Scollan-Koliopoulos M, O'Connell K, **Walker EA**: The context of a legacy of diabetes: Correlates of self-care behavior. *The Diabetes Educ* 33:315-324, 2007. PMID: 17426307
7. Kim C, McEwen LN, Piette JD, Goewey J, Ferrara A, **Walker EA**: Risk perception for diabetes among women with histories of gestational diabetes. *Diabetes Care* 30:2281-86, 2007. PMID: 17575087
8. Scollan-Koliopoulos M, O'Connell K, **Walker EA**: Legacy of diabetes and self-care behavior. *Res Nurs Health* 30:508-517, 2007. PMID: 17893932
9. **Walker EA**, Schechter CB, Caban A, Basch CE: Telephone intervention to promote diabetic retinopathy screening in the urban poor. *Am J Prev Med* 34 (3) 185-191, 2008. PMID: PMC2272534
10. Caban A, **Walker EA**, Sanchez S, Mera M: It feels like home when you have rice and beans: Perspectives of Hispanics living with diabetes. *Diabetes Spectrum* 21,120-127, 2008.
11. Schechter CB, Basch CE, Caban A, **Walker EA**: Cost effectiveness of a telephone intervention to promote dilated fundus examination in adults with diabetes mellitus. *Clin Ophthal* 2,763-68, 2008. PMID: PMC2699788
12. Barnhart MJ, **Walker EA**, Wright ND, Freeman K, Silagy F, Correa N: Risk perception and its association with cardiac risk and health behaviors among urban minority adults. *Am J Health Promotion* 23, 339-42, 2009. PMID: 17445437
13. Cohen HW, Shmuckler C, Ullman R, Rivera C, **Walker EA**. Medication adherence among diabetes patients with poorly controlled HbA<sub>1c</sub>. *Diabetic Medicine*, 27:210-216, 2010.
14. Comellas M, **Walker EA**, Movsas S, Merkin S, Zonszein J, Strelnick H: Training community health promoters to implement diabetes self-management support programs for urban minority adults. *The Diabetes Educ* 36:141-151, 2010. PMID: 19966071
15. Jones HL, **Walker EA**, Schechter CB, Blanco EB: Vision is precious: A successful behavioral intervention to increase the rate of screening for diabetic retinopathy for inner-city adults. *The Diabetes Educ*. 36:118-126, 2010. PMID: 20044537

**D. RESEARCH SUPPORT: ACTIVE**

**NIH R18-DK078077-02 (Walker)**

5/01/07 – 4/30/12

Bronx A1c: *Bring it Down for Health*

Goals: To develop and evaluate an intervention to improve metabolic control for diabetes in the South Bronx with a telephonic behavioral intervention. Collaboration with the NYC DOHMH using their HbA1c registry.

Role: Principal Investigator

**NIH/NIDDK U01 DK4834 (Crandall)**

8/15/94 - 06/30/10

*Type 2 Diabetes Prevention Program Outcome Study (DPPOS)* Specific aim of this multi-center study was to test if lifestyle modification or a medication can delay or prevent the onset of type 2 diabetes. Follow-up DPP Outcomes Study is to assess cardiovascular outcomes over the long term (5 years) of continued, less intensive intervention.

Role: Co-investigator and Behavioral Scientist.

**NIH/NIDDK DK20541-29 (Pessin)**

12/01/09 -11/30/14

*Diabetes Research and Training Center*

The DRTC is a Center grant that provides an administrative organization, a series of biomedical cores, a feasibility study program and a prevention and control research division. The purpose is to integrate and foster research at this Institution in diabetes and to translate that research into better patient care.

Role: Director of the Prevention and Control Core and Associate Director of the Center

**NIH/NICHD K07HD051528 ( P. Marantz)**

9/26/05 - 9/30/10

*Becoming a Doctor at the Albert Einstein College of Medicine* Office of the Director, NIH

Goals: To develop, deliver, and ev

Role on Project: Co-Investigator, Domain Leader, Behavioral Expert

**NEW YORK STATE DEPARTMENT OF HEALTH *DIABETES CENTER OF EXCELLENCE* GRANT**

2006-2011

This grant is to improve the diabetes self-management education in the Montefiore system for women with gestational diabetes and to development, implement and evaluate a home-based intervention with visiting nurses to prevent type 2 diabetes in these women and their family members using a behavioral intervention.

**Role:** Co-Investigator and behavioral scientist

**RECENTLY COMPLETED**

**NIH R34 DK076815 (McKee)**

09/01/07-8/31/09

*Collaborative Approaches to Controlling Hypertension in Diabetes (COACH-D)*

This is a 2 year pilot study to test a behavioral and system intervention to collaborate with home care nurses and primary care teams to improve blood pressure in people with diabetes.

Role: Co-Principal Investigator

**NIH R18-DK062038 (Walker)**

06/01/03 - 05/31/09 (no-cost extension)

*Improving Diabetes Medication Adherence and Outcomes*

Principal Investigator/Program Director (Last, First, Middle):

This is a randomized controlled trial to evaluate the effectiveness in improving diabetes outcomes and costs of two medication adherence interventions (print and telephone) and two low intensity lifestyle interventions in type 2 diabetes patients in English and Spanish.

Role: Principal Investigator

**NIH/NEI R01 EY15892-03 (Basch)**

9/23/04 – 8/31/09

*Evaluating Alternative Retinopathy Screening Approaches*

The aims of this study are to improve retinopathy screening rates by evaluating several approaches: provider intervention, provider and patient interventions, and patient only interventions in multiple primary care practices within the 1199 National Benefit Fund population of health care providers.

Role: Co-Investigator and PI of the Einstein subcontract

**5 P60 MD00514-04 (H. Strelnick)**

10/01/03 – 8/31/07

NIH/ National Center on Minority Health and Health Disparities Project EXPORT Program.

As part of this center grant, an ancillary research project was conducted called “Los Caminos: Developing Culturally-Sensitive Paths to Diabetes Self Management” to evaluate diabetes self-management issues for Hispanic adults and for development and implementation of a culturally-sensitive, peer-implemented diabetes self-management support program.

Role: Principal Investigator on Center-funded study.

**NIH/NEI R10 EY13497-05 (Walker)**

09/01/00 - 08/31/06 ('06 was no cost extension)

*Evaluating Alternate Retinopathy Screening Interventions The Vision is Precious (VIP) Study*

The study is a randomized, controlled behavioral intervention trial in type 2 diabetes to improve the rates of ophthalmologic screening. A total of 600 diabetes patients who speak either English or Spanish who have not had a dilated eye examination in the last year were enrolled and followed.

Role: Principal Investigator