
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 Edith A. Parker	POSITION TITLE Professor and DEO		
eRA COMMONS USER NAME edithp			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Davidson College, Davidson, NC	BA	1983	English
University of North Carolina, Chapel Hill, NC	MPH	1989	Hlth Beh/Hlth Educ
University of North Carolina, Chapel Hill, NC	DrPH	1995	Hlth Beh/Hlth Educ

A. Personal Statement

My research has focused on the design of community health promotion interventions that address major social determinants of health and health disparities. A constant theme of my research has been engaging community members, in the design, implementation and evaluation of the intervention using a Community-Based Participatory Research (CBPR) approach. I have served as PI or co-PI on multiple NIH and CDC funded research projects. I have also published extensively on the use of and evaluation of community-academic partnerships. In addition to my research activities, my service activities have included advising on issues of community engagement in research. I have served as an advisor to the National Children's Study (NCS) on issues of community engagement, presenting to their National Advisory Committee and also serving as co-chair of the NCS working group on community engagement and outreach. I have consulted with community-academic partnerships in California, Alabama, North Carolina, Pennsylvania, Ohio, Oregon, Canada and Puerto Rico and have been invited to present on community engaged research in many national conferences and symposia.

B. Positions and Honors

Positions and Employment

1982-84 Deputy Headmistress, Shikunga Secondary School, Kenya
1985-87 Program Support Officer, Save the Children Federation, Burkina Faso, West Africa
1987-89 Research Assistant, University of North Carolina School of Public Health, Chapel Hill, NC
1989-91 Health Education Coordinator, Bradley Free Clinic, Roanoke, VA
1991-95 Research and Teaching Assistant, University of North Carolina, School of Public Health, Chapel Hill, NC
1995-02 Assistant Professor, Department of Health Behavior and Health Education, School of Public Health, University of Michigan, Ann Arbor, MI
2002-10 Associate Professor, Department of Health Behavior and Health Education, School of Public Health, University of Michigan, Ann Arbor, MI
2005-10 Associate Dean for Academic Affairs, School of Public Health, University of Michigan, Ann Arbor, MI
2010-present Professor and Head, Community and Behavioral Health, College of Public Health, the University of Iowa, Iowa City, IA
2010-present Director, Community Engagement Key Function, Institute for Clinical and Translational Science, the University of Iowa, Iowa City, IA
2010-present Director, Community Outreach and Engagement, Environmental Health Sciences Research Center, the University of Iowa, Iowa City, IA
2011-present Director, Prevention Research Center-Rural Health, the University of Iowa, Iowa City, IA

Honors

1995 Delta Omega, Public Health National Honorary Society

2001 Early Career Award, APHA, Public Health Education & Health Promotion Section
2007-2008 CIC Academic Leadership Program Fellow
2010-present Invited Member, National Advisory Committee for Environmental Policy and Technology for the U.S. Environmental Protection Agency

C. Selected peer-reviewed publications (Selected from 58 publications)

1. Parker, E.A., Schulz, A.J., Israel, B.A., & Hollis, R. (1998). Detroit's East Side Village Health Worker Partnership: community-based lay health advisor intervention in an urban area. *Health Education and Behavior*, 25(1), 24-45. PMID: 9474498.
2. Parker, E.A., Eng, E., Laraia, B., Ammerman, A., Dodds, J., Margolis, L., & Cross, A. (1998). Coalition building for prevention: lessons learned from the North Carolina community-based public health initiative. *Journal of Public Health Management and Practice*, 4(2), 25-36, PMID: 10186731
3. Parker E, Eng E, Schulz AJ, Israel BA. (1999) Evaluating community-based health programs that seek to increase community capacity. *New Directions for Program Evaluation*, 83, 37-55
4. Parker, E.A., Lichtenstein, R.L., Schulz, A.J., Israel, B.A., Schork, M.A., Steinman, K.J., & James, S.A. (2001). Disentangling measures of individual perceptions of community social dynamics: results of a community survey. *Health Education and Behavior*, 28(4), 462-86, PMID: 11465157.
5. Schultz AJ, Israel BA, Parker E, Robinson M, Willis R. (2001) The East Side Village Health Worker Partnership: Integrating research and action to address health disparities. *Public Health Rep*, 116, 548-557. PMID: 12196614
6. Israel, B.A., Schulz, A.J., Parker, E.A., & Becker, A. B. Community-Campus Partnership for Health. (2001) Community-based participatory research: policy recommendations for promoting a partnership approach in health research. *Education for Health*, 14(2), 182-97, PMID: 14742017.
7. Parker, E., Margolis, L.H., Eng, E., & Hernandez-Roldan, C. (2003) Assessing the capacity of health departments to engage in community-based participatory public health. *American Journal of Public Health*, 93(3), 472-6, PMID: PMC1447766.
8. Edgren, K.K., Parker, E.A., Israel, B.A., Lewis, T.C., Salinas, M.A., Robins, T.G., & Hill, Y.R. (2005) Community involvement in the conduct of a health education intervention and research project: The Community Action Against Asthma. *Health Promotion Practice*, 6(3), 263-9. PMID: 16020621.
9. Farquhar, S.A., Parker, E.A., Schulz, A.J., & Israel, B.A. (2006) Application of qualitative methods in program planning for health promotion interventions. *Health Promotion Practice*, 7(2), 234-42, PMID: 16585146.
10. Parker, E.A., Israel, B.A., Robins, T.G., Mentz, G., Xihong, L., Brakefield-Caldwell, W., Ramirez, E., Edgren, K.K., Salinas, M., & Lewis, T.C. (2008). Evaluation of Community Action Against Asthma: a community health worker intervention to improve children's asthma-related health by reducing household environmental triggers for asthma. *Health Education and Behavior*, 35(3), 376-95. PMID: 17761540.
11. Wong NT, Zimmerman MA, Parker EA. (2010) A typology of youth participation and empowerment for adolescent health promotion. *Am J Community Psychol*, 46(1-2), 100-114. PMID: 20549334
12. Yonas, M.A., Garrettson, M., Gielen, A., & Parker, E.A. (2013). Integrating principles of community-based participatory research (CBPR) with the injury prevention and control agenda. *Injury Prevention*, 19(2), 149. doi: 10.1136/injuryprev-2013-040788. PMID 23513036.
13. Sampson NR, Schulz AJ, Parker EA, Israel BA. (2014) Improving public participation to achieve environmental justice: applying lessons from freight's, environment justice. *Environmental Justice*, 7(2), 45-54.
14. Wallace AS, Sussman AL, Anthony M, Parker EA. (2013) From intervention to innovation: applying a formal implementatin strategy in community primary care. *Nursing Research and Practice*, 2013(Article ID 605757), <http://dx.doi.org/10.1155/2013/605757>. PMC: PMC3625572
15. Haile R, Rowell-Cunsolo TL, Parker EA, Padilla MB, Hansen NB. (2014) An empirical test of racial/ethnic differences in perceived racism and affiliation with the gay community: Implications for HIV risk. *Journal of Social Issues*. (In Press)

D. Research Support

Ongoing Research Support

- 5 U48 DP001902 Parker (PI) 03/01/10-09/29/19
Centers for Disease Control and Prevention
The University of Iowa Prevention Research Center for Rural Health
Major Goals: To develop and evaluate a community-based program in the area of nutrition and exercise to reduce BMI in rural Iowans through the establishment of the Prevention Research Center.
- 3 UL1 TR000442-06S1 Rosenthal (PI) 09/17/07-04/30/14
NIH Institute/Center: National Center for Research Resources (NCRR) (pending funding)
University of Iowa Clinical and Translational Science Program
Role: Director, Community Engagement Key Function
Major Goals: To create a definable academic home for the discipline of clinical and translational science and to encourage the development of novel methods and approaches to clinical and translational research, enhance informatics and technology resources, and improve training and mentoring to ensure that new investigators can navigate the increasingly complex research system.
- DHHS/NIH Laroche (PI) 07/01/2014-06/30/2017
Family Obesity Intervention: Motivational Interviewing and Community Support
Role: Co-Investigator
- 5883HP33 Nothwehr (PI) 08/01/12-09/29/16
CDC/Iowa Department of Public Health
Community Transformation Grant (CTG) Evaluation Services
Role: Co-investigator
The major goal of this project is to provide evaluation services for the Iowa Community Transformation Grant (CTG).
- R49 CE002108 Peek-Asa (PI) 08/01/12-07/31/17
CDC
The University of Iowa Injury Prevention Research Center
Role: Co-Investigator
The goal of the UI IPRC remains to control and prevent injuries, especially in rural communities, focusing on high-risk populations such as children, the elderly, farmers, and those with disabilities, through interdisciplinary research, outreach and training, targeting a wide variety of unintentional injuries.
- 5U19OH008868 Merchant (PI) 09/01/11-08/31/16
Center for Disease Control and Prevention (CDC)
Healthier Workforce Center for Excellence
Role: Evaluation & Stat Prog Director
Major Goals: To improve the understanding of effective, integrated employee health programs and to translate this evidence base into practice for the benefit of employed populations.
- 2U54OH007548 Gerr (PI) 09/30/11-09/29/16
CDC/NIOSH
Great Plains Center for Agricultural Health and Safety
Role: Evaluation Program Director
Major Goals: To conduct a multidisciplinary agricultural health and safety program, develop and evaluate novel disease and injury prevention models and develop and implement professional training in agricultural health

and safety for health professionals.

3 P30 ES005605 Thorne (PI) 08/01/12-03/31/17
NIEHS
Environmental Health Sciences Research Center
Community Outreach and Engagement Core
Role: Core Director
The goal of the EHSRC is to promote research interactions among environmental health researchers at the UI, enhancing ongoing environmental health research and facilitating initiation of new collaborative and interdisciplinary environmental health research focused on rural populations.

LMG-12-13 Morcuende (PI) 10/01/12-12/31/14
USAID/Ponseti International
Clubfoot Disability: Model for Sustainable Health System Programs
Role: Evaluation Director
The overall goals of the project are to better understand and learn how to strengthen the essential elements of the public health model for effective national clubfoot programs; and change the lives of thousands of children in Pakistan, Peru, and Nigeria by increasing access to the low-cost, low-tech, non-invasive, and highly effective Ponseti Method for treating clubfoot.

Completed Research Support (selected)

BCS-0909447 Tschakert (PI) 09/01/09-08/31/14
National Science Foundation
Climatic Extremes, Mining, and Mycobacterium Ulcerans: A Coupled Approach
Role: Co-Investigator
Sub-Award: 4327-UI-NSF-9447 - Parker (PI) 09/01/10-08/31/14
Major Goals: To explore the emergence of a tropical disease, Buruli ulcer (BU) in Ghana at multiple temporal and spatial scales and to explore the impact of human and natural systems on its emergence.

R01 ES 014566 Parker (PI) 05/01/07-04/30/12
NIH NIEHS
A Community Based Participatory Research (CBPR) Intervention for Childhood Asthma Using Air Filters and Air Conditioners
Roles: PI (2007-2010; Co-PI 2010-2012)
Major Goals: To test the efficacy of air filters separately and when combined with air conditioners to reduce exposure to PM; to test the association between the use of air filters separately and when combined with air conditioners and the health status of children over and above a standard community health worker intervention; to elucidate the causal pathways by which any intervention-related improvements in asthma-related health status is occurring.

1R01ES016306 Parker (PI) 07/01/09-06/30/12
National Institute for Environmental Health Sciences
Risk Communication for Environmental Exposure
Roles: PI (7/09-7/10); Co-PI (7/10-6/12)
Major Goals: To explore through qualitative in-depth interviews and a closed-ended questionnaire, the mental conceptualizations of risk for dioxin-like compounds among residents in Midland and Saginaw counties in Michigan who live in areas that have been exposed to DLCs for the purpose of improving risk communication strategies.