

Elizabeth A. Baker, PhD, MPH
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EDUCATION:

Doctor of Philosophy in Health Behavior and Health Education. University of Michigan, School of Public Health, Ann Arbor, MI. July, 1993.

Master of Public Health in Health Behavior/Health Education and Population Planning/International Health. University of Michigan, Ann Arbor, Michigan. May, 1987.

Bachelor of Arts in Psychology. University of Vermont, Burlington, Vermont. May 1983. Graduated Summa Cum Laude.

PRESENT POSITION:

St. Louis University, School of Public Health. St. Louis, MO, 63104. Professor: Behavioral Science and Health Education. Activities include research, teaching, and service.

EMPLOYMENT HISTORY:

2015-present: Professor, Behavioral Science and Health Education.

2008 - 2015: Professor and Chair, Behavioral Science and Health Education; co-chair public health doctoral program.

2001- 2008. Saint Louis University, School of Public Health. St. Louis, MO 63104. Associate Professor.

Dynamics in Community Based Participatory Research: A Multi-Case Study Analysis
Partnering Contexts, Histories and Practices, Health Education and Behavior, Vo

Decision Making in Public Health Organizations. Evaluation and Program Planning, pg. 17-23.

14. Gilbert KL, Ray R, Siddiqi A, Shetty S, **Baker EA**, Elder K, Griffith DM. (2016) Visible and gender inequities in health. Annual Review of Public Health. Vol. 37,pg 295-311.
15. Subramaiam DP **Baker EA**, Zelicoff AP, Elliott, MB (2015) Factors Influencing Seasonal Influenza Vaccination Uptake in Emergency Medical Services Workers: A Concept Mapping Approach. Journal of Community Health, pg 1-10.
16. Yarber Y, Brownson CA, Jacob RR, **Baker EA**, Jones E, Baumann C, Deshpande AD,

36. Barnidge EK, **Baker EA**, Motton F, Rose F, Fitzgerald T. (2011) Exploring community health through the Sustainable Livelihoods Framework. *Health Education and Behavior*, Vol. 38(1), pg. 80-90.
37. Dodson EA, Brownson RC, **Baker EA** (2010) Use of evidence-based interventions in state health departments: A qualitative assessment of barriers and solutions. *Journal of Public Health Management and Practice*. Vol. 16 (6), pg. E9-E15.
38. Jacobs JA, Dodson EA, **Baker EA**, Deshpande AD, Brownson RC. (2010) Barriers to evidence based decision making in public health: a national survey of chronic disease practitioners. *Public Health Reports*. Vol. 125, pg. 736-742.
39. Schootman M, Lian M, Deshpande AD, **Baker EA**, Pruitt SL, Aft R, Jeffe DB. (2010) Temporal trends in area socioeconomic disparities in breast cancer incidence and mortality, 1988-2005. *Breast Cancer Research and Treatment*. Vol. 122 (2), pg 533-543.
40. Schootman M, Lian M, Deshpande AD, **Baker EA**, Pruitt SL, Aft R, Jeffe DB. (2010) Temporal trends in geographic disparities in small-area breast cancer incidence and mortality, 1988-2005. *Cancer Epidemiology, Biomarkers and Prevention*. Vol. 19, pg. 1122-1131.
41. Barnidge E, **Baker EA**, Motton F, Rose F, Fitzgerald T. (2010) A participatory method to identify root determinants of health: The heart of the matter. *Progress in Community Health Partnerships*. Vol. 4(1), pg. 55-63.
42. Barnidge EK, Brownson CA, **Baker EA**, Shetty G. (2010) Tools for building clinic-community partnerships to support chronic disease control and prevention. *The Diabetes Educator*. Vol. 36 (2), pg. 190-201.
43. **Baker EA**, Brownson R, Dreisinger M, McIntosh L, Karamehic A. (2009) Examining the role of training in evidence-based public health: A qualitative study. *Health Promotion Practice* Vol. 10(3), pg. 342-348.
44. Claus JM, Erickson JL, Brennan Ramirez LK, **Baker EA**, Land GH. (2008) Evaluation of an Evidence-based Intervention Planning Website for Public Health Practitioners. *Issues in Evaluating Health Department Web-based Data Query Systems: Working Papers*, pg. 77-90.
45. Dreisinger M, Leet TL, **Baker EA**, Gillespie KN, Haas B, Brownson RC. (2008) Improving the public health workforce: evaluation of a training course to enhance evidence-based decision making. *Journal of Public Health Management and Practice*. Vol. 14(2), pg 138-43.
46. Wiggs I, Brownson RC, **Baker EA**. (2008) If you build it, they will come: Lessons from developing walking trails in rural Missouri. *Health Promotion Practice*. Vol. 9 (4), pg 387-394.
47. Kanu M, **Baker EA**, Brownson RC. (2008) Exploring associations between church-based social support and physical activity. *Journal of Physical Activity and Health*. Vol. 5(4). Pg 504-515.
48. **Baker EA**, Schootman M, Kelly CM, Barnidge E (2008) Do recreational resources contribute to physical activity? *Journal of Physical Activity and Health*. Vol. 5 (2), pg. 252-261.

49. **Baker EA**, Brennan Ramirez LK, Claus JM, and Land G. (2008) Translating and disseminating research- and practice-based criteria to support evidence-based intervention planning. *Journal of Public Health Management and Practice*. Vol. 14(2), pg 138-43.
50. Schootman M, Walker M, Jeffe D, Rohrer J, and **Baker EA**. (2007) Breast cancer screening and incidence in counties with high proportion uninsured. *American Journal of Preventive Medicine*. Vol. 33 (5), pg 379-386
51. Kelly C, Schootman M, **Baker EA**, Barnidge EK, Lemes A. (2007) The association of sidewalk walkability and physical disorder with area-level race and poverty. *Journal of Epidemiology and Community Health*. Vol. 61(11), pg 978-83.
52. Vijaykumar S, Banerjee J, and Baker EA. (2007) Evaluating E-Consultations as catalysts for the youth HIV/AIDS movement. *Cases in Public Health Communication and Marketing*. Vol. 1.
53. Barlow SE, Richert M, Baker EA (2007) Putting context in the sta

62. Deshpande,AD, **Baker EA**, Lovegreen SL, and Brownson RC. (2005) Environmental Correlates of Physical Activity Among Individuals With Diabetes in the Rural Midwest Diabetes Care 28: 1012-1018
63. Franks AL, Brownson RC, Bryant C, Brown KM, Hooker SP, Pluto DM, Shepard DM, Pate RR, **Baker EA**, Centers: Contributions to Updating the Public Health Workforce Through Training. Preventing Chronic Disease, Vol.2, 2.
64. Brownson RC. **Baker EA**. Boyd RL. Caito NM. Duggan K. Housemann RA. Kreuter MW. Mitchell T. Motton F. Pulley C. Schmid TL. Walton D. A community-based approach to promoting walking in rural areas. [Journal Article] American Journal of Preventive Medicine. 27(1):28-34, 2004 Jul.

3. **Baker EA**, Motton F, Lewis EY. (2012) Issues to consider when adapting evidence-based physical activity interventions with and within racial/ethnic minority communities. In *Building Community Capacity: Minority and Immigrant Populations*. Eds. Rosemary M Caron, and Joav Merrick. Nova Science Publishers, New York.
4. **Baker EA**, Motton F, Barnidge E, Rose III F. (2012) Collaborative data collection, interpretation, and action planning in a rural African American community: Men on the Move. Israel B, Eng E, Schulz AJ, and Parker EA (eds.) *Methods for community based participatory research for Health 2nd Edition*. Jossey-Bass.
5. Brownson RC, **Baker EA**, Leet T, Gillespie K and True W. (2010) Evidence-Based Public Health, Second Edition. Oxford University Press: New York.
6. Brennan Ramirez L, **Baker EA**, Metzler (2008) Promoting health equity: A resource to help communities address social determinants of health.
7. **Baker, EA** and Brownson, RC. (2006) Community-Based Prevention: Blending community and scientific expertise. Public Health Administration: Principles of population-based management, 2nd Edition. Eds. LF Novick and GP Mays. Aspen Publishers: Gaithersburg, MD.
8. **Baker, EA** and Motton, F (2005) Creating Understanding and Action through Group Dialogue in Israel BA, Eng E, Schulz A, Parker E (eds.) Multiple Methods for Conducting Community-based Participatory Research for Health. Jossey, Bass.
9. **Baker EA** and Brownson, RC. (2004) Community Coalitions. In Anderson, N. B. *Encyclopedia of Health and Behavior*. Thousand Oaks, Sage Publications, Inc.

RESEARCH SUPPORT

Title: Building blocks and tearing down fences: creating integrated and equitable systems of care for rural communities

Responsibilities: Principal Investigator/Fellow

Funding: Robert Wood Johnson Interdisciplinary Research Leaders Fellowship

Dates: 9/15/19 -8/31/22

Direct costs: 350,000

Overall goals: Our study will incorporate community and provider knowledge and experiences, examine the factors that influence the integration of health and social services, and create structures to influence system changes that are needed to promote equity.

Rural communities opioid response program-planning

Responsibilities: Co-investigator

Dates: 9/1/2019-6/1/2020

Funding: Southern Illinois Health Foundation

Direct costs: \$59,000

Overall goals: This project will assess the best practices in rural communities on serving individuals with opioid use disorders, and develop a strategic plan, comprehensive workforce plan and a sustainability plan for incorporating promising and innovative approaches to reducing morbidity and mortality from opioid use disorder in the counties served by SIHF, while maintaining financial access to care.

Title: Community Oriented Approach to Lupus Support (COALS)

Responsibilities: Principal investigator

Funding: WU ICTS

Dates: 3/19-2/28/20

Direct costs: \$49,917

Overall goals: This project is driven by what SLE patients at the WUSTL lupus clinic have indicated are the most important factors influencing their experiences in living with SLE. The proposed planning process will enable SLE patients and providers to work collaboratively to

manage ambiguity and access support. Findings will serve as the basis for a proposal to evaluate the impact of a modular intervention that will enable patients to develop the capacities they need at different points in their disease process with the anticipated benefits of improved ambiguity management, support, and quality of life; and reduced symptom expression.

Title: Adapting Health Families America to Rural Missouri

Responsibilities: Co-Principal Investigator

Funding: WKO/MFH

Dates: 8/18-7/21

Direct costs: \$223,000

Overall goals: The purpose of this project is to identify factors influencing the implementation of Healthy Families America (HFA) a home visiting child maltreatment prevention and prenatal/post partum MCH evidence-based program in rural MO. We will work with Whole Kids Outreach to identify the challenges in implementing the HFA model in rural MO and identify specific implementation I

Title: Root Cause Analysis for Social Determinants of Health in the Bootheel Health in the Heartland

Responsibilities: Co-Principal Investigator

Funding: HiH/MFH

Dates: 1/18-6/19

Direct costs: \$160,000

Overall goals: The broad goals of this project are to work with Heart to Heart (HtH) to identify social determinants of access to health care in rural Missouri. We will accomplish this by: 1) compiling and synthesizing secondary data, 2) collecting new data using concept mapping, and 3) developing strategies to address identified issues.

Title: Developing a model to address poverty in the St. Louis Jewish community

Responsibilities: Co-Principal Investigator

Funding: Jewish Federation of St. Louis

Dates: 10/1/2016-10/1/2017

Annual direct costs: 40,000

Overall goals: The goal of this project was to understand factors influencing utilization of health and social services among Jewish individuals and families living in St. Louis.

Title: Health Promotion and Disease Prevention Research Center

Responsibilities: Principal Investigator/Co-director

Funding: HHS/CDC

Dates: 9/04-9/14

Annual direct costs: \$650,000

Overall Goals: To adapt evidence-based environmental and policy interventions to improve physical activity and healthy eating using community based participatory research approaches with rural high risk communities.

Title: Men on the Move: Growing Communities

Responsibilities: Principal Investigator

Funding: NIH

Dates: 7/08-3/13

Annual direct costs: \$400,000

Overall Goals: Engage with local community members and organizations to address individual (nutritional education), environmental (increase access to produce through community gardens and small scale production farms) and social determinants (education, leadership and job readiness) of cardiovascular disease.

Title: Environmental and Policy Changes to support Physical Activity: Translation of Evidence Based Approaches within African American Communities

Responsibilities: Principal Investigator

Funding: CDC

Dates: 9/08-8/11

Annual direct costs: \$350,000

Overall Goals: The goal of this project is to work with community partners to disseminate local assessments and identify and implement evidence-based environmental and policy interventions to improve access to physical activity for African Americans in St. Louis.

Title: Understanding and Enhancing Dissemination Among US Chronic Disease Practitioners

Responsibilities: Co-investigator

Funding: CDC

Dates: 9/07-9/10

facility, increasing knowledge and skills regarding fruits and vegetables and physical activity, and developing a community dialogue regarding the association between community infrastructures

Prevention Institute: Assist with environmental approaches to improving physical activity and nutrition.

2007

CDC Division of Nutrition Physical Activity and Obesity (tentative new division name May 2007), Disparities Strategies Workgroup: Assist in identifying possible strategies as part of the

Robert Wood Johnson Active Living by Design/Transtria: Assist with the evaluation of RWJ Active Living by Design initiative

Obesogenic Environments Group

Co-organizer: REACH workshop on Social Determinants of Health Equity

2008

Robert Wood Johnson Active Living by Design/Transtria: Assist with the evaluation of RWJ Active Living by Design initiative

CDC/ Transtria: assist in developing train the trainer model, implementing and evaluating the use of the training with REACH grantees

Robert Wood Johnson Active Living by Design/Transtria: Assist with the evaluation of RWJ Active Living by Design initiative

Nutrition Advisory Subcommittee, Review of Environment and Policy Interventions for Childhood Obesity Prevention Project, Transtria/Robert Wood Johnson Foundation.

2009

Robert Wood Johnson Active Living by Design/Transtria: Assist with the evaluation of RWJ Active Living by Design initiative

CDC/ Transtria: assist in developing train the trainer model, implementing and evaluating the use of the training with REACH grantees

Robert Wood Johnson Active Living by Design/Transtria: Assist with the evaluation of RWJ Active Living by Design initiative

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Robert Wood Johnson Active Living by Design/Transtria: Assist with the evaluation of RWJ Active Living by Design initiative

CDC/ Transtria: assist in developing train the trainer model, implementing and evaluating the use of the training with REACH grantees .ta.(TJETQq0.00000912 0 612 792 reW*nQ EMC /P AMCID 9>BDC

Standing Grant Review Committee Member, Canadian Institute of Health Research Review Committee (Team C: Behavioral Science Team Grants)

2009

Review SLU Presidential Grant (PRF) Awards
Review Recovery/ stimulus package grants

2010. 2011. 2015. 2016. 2017

Review SLU PRF Awards

INVITED AND PEER REVIEW PRESENTATIONS (FROM 2002)

2002

Community Catalyst: Community Advisory Committee (incorporating community voice in conversion foundations)

Livable Communities Conference (community resources and assets)

Becker AB, Willis M, Joe LB, Baker EA, Shada R. A multi-site CBPR experience: Layers of collaboration and participation. APHA Philadelphia, PA.

2003

Missouri State Domestic Violence Conference (use of community-academic partnerships to create circles of support)

Livable Communities Conference (assessing the livability of communities)

Rose F, Barnidge E, Fitzgerald T, Motton F, Baker EA Improving the economic and social determinants of health in our community through development of community gardens. CU Expo 2008, Toronto Canada.

Motton F, Barnidge E, Baker EA Untangling the web: engaging communities to adapt evidence based intervention. NIH Summit: The science of eliminating health disparities. Gaylord, MD. Community Benefit Webinar presentation Catholic Health Association

2009

Rose F, Barnidge E, Baker EA, Fitzgerald T, Moton. Men on the Move: From Categorical Disease to Root Causes. Cultivating Healthy Communities, National Conference on Chronic Disease Prevention & Control. National Harbor, MD

Motton F and Baker EA Translating evidence-based physical activity interventions with and within racial/ethnic minority communities: Issues to Consider. Cultivating Healthy Communities, National Conference on Chronic Disease Prevention & Control. National Harbor, MD.

Motton F, Lewis EY, Greene-Motton E, Baker EA. Evidence based Public Health. National Community Committee Annual Retreat.

2010

IU Center for Aging Research presentation Community based participatory research. Indianapolis, Indiana.

Barnidge E, Baker EA, Fitzgerald T, Motton F, Rose F. (2010) The distribution of root

Partnership for Health 11th Conference, Portland, OR.

Yuda J, Barnidge E, Baker EA, Rose F, Fitzgerald T, Motton F. (2010). Assessing Urban and Rural Food Environments. Presented at 2010 Joint SOPHE-PRC Conference, Atlanta, GA.

Motton F, Baker EA, Lewis EY. Translating evidence-based physical activity interventions with and within racial/ethnic minority communities: Recommendations for Practice. Chronic Disease Conference, Atlanta, GA.

2011

Baker, EA and Estlund, A. Community based coalitions, collaborations, and partnership: Pointers for strengthening, describing and tracking them. Webinar for MoCAP/MFH

2012

Baker EA, Partnership Development and maintenance. Lutheran Charities.

Baker EA, Motton F. Men on the Move: Growing Communities. Community-based Participatory Research Grantees Meeting. National Harbor, MD.

The Atlantic Community Health expert panel. St. Louis, MO.

Barnidge E, Brownson RC, Estlund A, Duggan K, Motton F, Wiggs I, Baker EA, Gary J. Building the evidence base for community gardens as an environmental strategy to promote consumption of fruits and vegetables. APHA, San Francisco, CA.

Baker EA, Barnidge E, Sawicki M, Motton F, Rose F, McGee L, Shackelford K, Kusner D, Gary J. Men on the Move: A participatory approach to enhancing nutrition access and information within a rural African American community. APHA, San Francisco, CA.

Barnidge E, Radvanyi C, Estlund A, Duggan K, Motton W, Baker EA, Brownson RC. Understanding and addressing barriers to implementation of environmental and policy interventions to support physical activity and healthy eating in rural communities. APHA, San Francisco, CA.

2013

Estlund A, Robertson P, Barnidge EK, Motton F, Hipp PR, Baker EA, Brownson RC. (2013) Lessons learned from a community-university school district partnership implementing environmental and policy physical activity interventions in rural Missouri. American School

Health Association, Myrtle Beach, SC.

<https://netforum.avectra.com/eweb/DynamicPage.aspx?Site=ASHA1&WebCode=AboutASHA>

Estlund A, Roberston P, Barnidge EK, Motton F, Hipp PR, Baker EA, Brownson RC. (2013) Lessons learned from a community-university school district partnership implementing environmental and policy physical activity interventions in rural Missouri. American Public Health Association. Boston MA. <http://www.apha.org/>

2014

Chapnick M, Barnidge E, Baker EA, Sawicki M, Motton F. Understanding food insecurity in the summer among African American children in rural Missouri, APHA, November 2014, New Orleans.

2015

Coordinating Committee

2008- 2015

Chair Behavioral Science

Co-Director, Doctoral Program (ended July 2014)

Academic Affairs Committee

Leadership Committee

Coordinating Committee

SLU Center for Service and Community Engagement Committee, co-chair CBPR sub-committee

Saint Louis University SPH Tenure and Promotion Committee (ended October 2014)

2016 to present

SLU University Faculty Senator

Representative on Climate Committee for University

Representative on faculty manual committee

Undergraduate mentoring

Budget committee (BSHE)

LOCAL /REGIONAL/ STATE SERVICE/NATIONAL

2001-

2001-present: Whole Kids Outreach

2001- 2011: State MICA partnership committee

2002 - 2011: Board member Saint Louis Metropolitan Research Exchange

2009-2012: National Council on American Indians - Assist with NCAI scientific advisory committee and qualitative analysis committee

2010-2014: Discovering Options

2014: Big Brother/Big Sister

2014: Gateway Greening

2014- 2017: The Souldard School

2013-present: Metro Theater Company (UNSORTED; Out of the Box; Say Something, Do Something)

2016-present: Engage for Equity

2016-present: UM MAPS

2016-present: Developing and validating quantitative measures to assess community engagement in research, expert panel member