

Community Based Participatory Research: Partnering With Consumers And Advocacy Groups In Health Services Research

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Overview

- Community-Based Participatory Research (CBPR) defined
- Case Studies
- Conclusion
- Resources

CBPR defined continued

- “Collaborative approach to research that equitably involves all partners in the research process and recognizes the unique strengths that each brings. CBPR begins with a research topic of importance to the community with the aim of combining knowledge and action for social change to improve community health and eliminate health disparities.”

W.K. Kellogg Community Scholar’s Program (2001)

CBPR defined continued

- Professional researchers collaborate with community members
- Purpose is social change, in addition to knowledge generation
- Public health
- Racial/ethnic minority populations

Health disparities*

- African American death rate for all cancers is 30 percent higher than that of whites
- Hispanics living in the United States are almost twice as likely to die from diabetes as are non-Hispanic whites.
- American Indians and Alaska Natives have an infant death rate almost double that for whites.
- *Office of Minority Health and Health Disparities website

Examples

- [Students Against Nicotine and Tobacco Addiction \(S.A.N.T.A.\): Community-based participatory research in a high-risk young adult population.](#) Mendenhall, Tai; Whipple, Heather; Harper, Peter; Haas, Sonny; Families, Systems, & Health, Vol 26(2), Jun, 2008. pp. 225-231.
- [Mental health service needs of a Latino population: A community-based participatory research project.](#) Shattell, Mona M.; Hamilton, Desmina; Starr, Sharon S.; Jenkins, Courtney J.; Hinderliter, Norma Angelica; Issues in Mental Health Nursing, Vol 29(4), Apr, 2008. pp. 351-370.
- [Condom acquisition and preferences within a sample of sexually active gay and bisexual men in the southern United States.](#) Rhodes, Scott D.; Hergenrather, Kenneth C.; Yee, Leland J.; Wilkin, Aimee M.; Clarke, Thomas L.; Wooldredge, Rich; Brown, Monica; Davis, A. Bernard; AIDS Patient Care and STDs, Vol 21(11), Nov, 2007. pp. 861-869.
- [Rural access to vocational rehabilitation services: Minority farmers' perspective.](#) Mwachofi, Ari; Disability and Rehabilitation: An International, Multidisciplinary Journal, Vol 29(11-12), Jun, 2007. Special issue: Developing world rehabilitation strategy. pp. 891-902.

Examples continued

- [Multilevel community-based intervention to increase access to sterile syringes among injection drug users through pharmacy sales in New York City.](#) Fuller, Crystal M.; Galea, Sandro; Caceres, Wendy; Blaney, Shannon; Sisco, Sarah; Vlahov, David; American Journal of Public Health, Vol 97(1), Jan, 2007. pp. 117-124.
- [The African American Breast Cancer Outreach Project: Partnering With Communities.](#) Adams, Mary Lou; Family & Community Health, Vol 30(1,Suppl), Jan-Mar, 2007. pp. S85-S94.
- [Community-based participatory research on smoking cessation among Chinese Americans in Flushing, Queens, New York City.](#) Burton, Dee; Fahs, Marianne; Chang, Joanne L.; Qu, Jiaojie; Chan, Fiona; Yen, Frances; Shelley, Donna; Journal of Interprofessional Care, Vol 18(4), Nov, 2004. pp. 443-445.

Case Studies

- Intimate Partner Violence – exploratory study - Hawaii (2006)
- Early Head Start program evaluation – Pennsylvania (2003)
- Type 2 Diabetes intervention for female Hispanic farm workers – Idaho (2006)

Intimate Partner Violence study

- Partnership between U of Hawaii School of Nursing, UCLA post doctoral fellow, and 4 community health centers
- Purpose was to use CBPR to understand and support the disclosure of IPV within the context of community health centers that provide services to multicultural and multilingual populations.
- These populations were Native Hawaiians, Filipino, Micronesians, and sex industry workers.

Challenges

- Building trust
- Maintaining team momentum
- Data confidentiality
- Uniting agendas
- Sharing of credit and compensation

Benefits

- Interaction has led to shared knowledge and resources among the community health centers
- Reflection on efficacy of current practices
- All have met to discuss future collaborations involving students
- Publications

Early Head Start Evaluation

- Partnership between parents, practitioners and researchers
- Purpose was to “map the development of the program and to understand its significance for the families and communities it served”
- Mixed-methods research design: observation, focus groups, ethnographic case studies and surveys

Community involvement

- Collaboration to develop the research focus/questions and design
- Community-focused recruitment of participants under leadership of community based program staff
- Employ community residents as research staff
- Joint program-research oversight
- Sharing preliminary findings with community and engaging them in interpretation and implications for program practice

Challenges

- Building trust, engagement and ownership
- Compensation of participating families
- Training of research staff
- Oversight committee
- Need for flexibility, making changes midstream

Diabetes Intervention with Female Hispanic Farmworkers

- Partnership between university-based researchers and community health workers
- A 5-year project
- Data collection included biometric data (heights, weights, blood pressures and fasting blood glucoses), field notes, focus group discussions, interviews and key informants.
- Purpose – “understanding and changing the health of the underserved, Hispanic farmworker communities in the U.S. through research, education and interventions.”

Challenges & Benefits

- Recruitment
 - More mobile farmworkers underrepresented
- Limitations to intervention effectiveness in overriding cultural norms and changing unhealthy behaviors
- Each year women and their families have data to discuss their biometric tests and learn about the prevention and control of diabetes

Conclusion

- Overall Challenges
 - Acceptance in Academia
 - Relationship building with the community
 - Logistics – time and funding
- Overall Benefits
 - Increases effectiveness of public health interventions in minority communities
 - Builds community capacity and empowers community members
 - Provides in-the-field opportunities for student researchers in training

Resources

- cristina.larsen@csus.edu
- Online “course” material (with many additional resources)
<http://www.cbprcurriculum.info/>
- Training manual
- <http://individual.utoronto.ca/sadaf/resources/cbpr2007.pdf>
- CDC Prevention Research Centers
<http://www.cdc.gov/prc/about-prc-program/index.htm>
- Extramural Scientist Administration Interest Group (ESAIG)
Technical Assistance Workshop
http://grants.nih.gov/grants/training/esaig/cbpr_workshop_20080229.htm
- NIH Grants Guide <http://grants2.nih.gov/grants/guide/>

Resources continued

- Funders
 - Foundations: W. K. Kellogg, Ford, Annie E. Casey and more
 - Government: National Institute of Environmental Health Sciences, Agency for Health Research Quality, Center for Disease Control and Prevention, National Center on Minority Health Disparities, HHS/NIH/Office of Behavioral and Social Sciences Research (OBSSR)

Resources continued

Search CBPR grants awarded

http://projectreporter.nih.gov/reporter_SearchResults.cfm

There were 185 results matching your search criteria. Records per page Show/Hide Search Criteria

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▼ Project Number	▼ Sub #	▼ Project Title	▼ Principal Investigator	▼ Organization	▼ FY	▼ Admin IC	Funding IC	FY Total Cost by IC
5U01CA114644-05		(MASS CONNECT) MASS. COMMUNITY NETWORKS	VISWANATH, KASISOMAYAJULA	HARVARD UNIVERSITY (SCH OF PUBLIC HLTH)	2009	NCI	NCI	\$489,481
5R03ES017364-02		A CBPR APPROACH TO BIOMEDICAL & BEHAVIORAL HEALTH COMMUNICATION WITH FARMWORKERS	ARCURY, THOMAS A	WAKE FOREST UNIVERSITY HEALTH SCIENCES	2009	NIEHS	NIEHS	\$30,933
5R01ES014566-03		A CBPR INTERVENTION FOR CHILDHOOD ASTHMA USING AIR FILTERS AND AIR CONDITIONERS	PARKER, EDITH A	UNIVERSITY OF MICHIGAN AT ANN ARBOR	2009	NIEHS	NIEHS	\$601,266
5P20MD002317-03	0001	A CBPR PARTNERSHIP TO ADDRESS CROW CHANCER RISKS FROM CONTAMINATED WATER & FOOD	FORD, TIMOTHY	MONTANA STATE UNIVERSITY (BOZEMAN)	2009	NCMHD	NCMHD	\$798,351
3P20MD002317-03S1	0001	A CBPR PARTNERSHIP TO ADDRESS CROW CHANCER RISKS FROM CONTAMINATED	FORD, TIMOTHY	MONTANA STATE UNIVERSITY (BOZEMAN)	2009	NCMHD	NCMHD	\$360,928