Community-Engaged (CE) Research Survey Instrument/Data Matrix

Concept	Item	Survey Question	Response	Variable Label	Reference
		Welcome to the survey of [insert study name]….			
I		This study has been explained to me. I have had a chance to ask questions. I volunteer to take part in this research. If I have questions later about the research, I can ask one of the researchers listed above. If I have questions about my rights as a research subject, I can call the University of Washington Human Subjects Division at (206) 543-0098. I will receive a copy of this informational statement.	1. **I accept.** I want to participate. 0. **I do not accept.** (If you wish to return and participate later, simply close this window)	ACCEPT	
II		You have indicated that you **DO NOT** want to participate in the Research for Improved Health: A National Study of Community-Academic Partnerships survey. If this is correct, please select the button below, and select NEXT. **If you would like to participate**, return to the previous page by selecting **PREVIOUS** on the bottom of this screen. If you would like to think about it some more, please just close your browser. You can then decide later if you would like to participate, and use the same URL and PIN to log in.	1. **I DO NOT** want to participate. (By clicking here you will be permanently removed from the participant list) *Show if: (ACCEPT=0:[I do not accept. (If you wish to return and participate later, simply close this window.)])*	DECLINE	
Note: This select series of questions shaded in peach are asked of participants who completed KI survey but did not provide academic or communicty partner information in the KI survey, and have agreed to be invited to take the CE survey. These questions are not included in the CE survey for the community and academic partners.					
III		Thank you for completing the Community-Engaged survey (Part 2) for the Research for Improved Health study. Some Principal Investigators or key personnel did not provide contact information for their community or academic partners in the Key Informant survey (Part 1). Because this study is about partnerships, we would like to invite your research partners to participate in a brief 30 minute survey. Can you take a few minutes to provide their contact information?	0. **No, I cannot p**rovide further contact information for my community and/or academic partners. 1. **Yes, I can** provide further contact information for my community and/or academic partners	NO_PARTNER1	
IV	1t	There are other Principal Investigators or key personnel who also could not provide contact information for their **academic research partner**s. We would like to know more: can you tell us why you are unable to provide this information?	open-ended	NO_PARTNERA	
	2t	There are other Principal Investigators or key personnel who also could not provide contact information for their **community research partners**. We would like to know more: can you tell us why you are unable to provide this information?	open-ended	NO_PARTNERC	
	3t	There are other Principal Investigators or key personnel who also could not provide contact information for their **community and/or academic research partners.** We would like to know more: can you tell us why you are unable to provide this	open-ended	NO_PARTNER2	
	4t	There are other Principal Investigators or key personnel who also could not provide contact information for their **community and/or academic research partners.** We would like to know more: can you tell us why you are unable to provide this	open-ended	NO_PARTNER3	
V	1	Unique customid of academic partner	research staff-constructed	APARID	
	2	Unique customid of community partner 1	research staff-constructed	CPAR1ID	
	3	Unique customid of community partner 1	research staff-constructed	CPAR2ID	
	4	Unique customid of community partner 1	research staff-constructed	CPAR3ID	

THE CBPR QUESTIONS START ON THE NEXT PAGE.

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Concept	Item	Survey Question	Response	Variable Label	Reference
SECTION A: CONTEXT					
		STEM: In this section we have a few questions about **community and academic capacity**. By capacity, we mean the talent, abilities, and resources needed to work in partnership.		CONTEXT	
1		Based on your experiences in the [insert project name], please tell us how confident you are that your project will **achieve its primary aims**.	1. Not confident 2. A little confident 3. Somewhat confident 4. Fairly confident 5. Extremely confident	CONTXT1	
2		Including [insert project name], on how many community-engaged research projects have you served as a community or academic partner?	_____ Project(s)	CONTXT2	
Community capacity					
3		We are interested in community and academic capacity for effective partnership. To what extent does/did this partnered project have **what it needs to work effectively towards its aim**s?		CAPCTY1	Rand, Khodyakov
	1	Skills and expertise	1. Not at all	CAPCTY1A	
	2	Data and information	2. Very little	CAPCTY1B	
	3	Diverse membership	3. Somewhat	CAPCTY1C	
	4	Legitimacy and credibility	4. Mostly	CAPCTY1D	
	5	Ability to bring people together for meetings and activities	5. To a great extent	CAPCTY1E	
	6	Connections to political decision-makers, government agencies, other organizations/groups	*Show if: (CAPACTY1H=5:[To a great extent]) or*	CAPCTY1F	
	7	Connections to relevant stakeholders.	*(CAPACTY1H=4:[Mostly]) or (CAPACTY1H=3:[Somewhat])*	CAPCTY1G	
	8	Other		CAPCTY1H	
	9t	On the previous page, you indicated the partnered project needs some 'other' element to work effectively towards its aims. Please explain what you meant by 'other.'	open-ended	CAPCTY1_OT	
SECTION B: GROUP DYNAMICS					
Bridging					
4		To what extent, would you say, do members of the community and the academic research teams in your [insert partnership name] partnership interact effectively? By community partners we mean agencies, organizations, tribal communities, health departments, individuals, or other entities representing communities. By academic partners we mean university or research institutions.		BRIDGING	
	1	Does the **community** research team have the knowledge, skills, and confidence to interact effectively with the academic researcher team?	1. Not at all 2. Very little 3. Somewhat 4. Mostly 5. To a great extent	BRIDG1A	
	2	Does the **academic** research team have members who are from a similar cultural background as the community research team?		BRIDG1B	
	3	Overall, does the **academic** research team have the knowledge, skills, and confidence to interact effectively with the community research team?		BRIDG1C	
Alignment with principles					
5		Below is a list of **principles for community-engaged research**. Please indicate the extent to which your partnership uses the following principles.		ALIGNMENT_WITH_PRINCIPLES	
	1	This project builds on resources and strengths in the community	1. Not at all	PRINCP2A	2002 Israel et al, Principles of CBPR
	2	This project facilitates equitable partnerships in all phases of the research	2. Very little 3. Somewhat	PRINCP2B	
	3	This project helps all partners involved to grow and learn from one another	4. Usually 5. To a great extent	PRINCP2C	
	4	This project balances research and social action for the mutual benefit of all partners		PRINCP2D	
	5	This project emphasizes what is important to the community (environmental and social factors) that affect well-being		PRINCP2E	
	6	This project disseminates knowledge and findings to all partners and involves all partners in the dissemination process		PRINCP2F	
	7	This project views community-engaged research as a long term process and a long term commitment		PRINCP2G	
	8	This project fits local/cultural beliefs, norms, and practices		PRINCP2H	Dutta, culture-

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Core values					
6		Thinking about the **shared understanding of the missions and the strategies** of [insert partnership name], to what extent do you agree or disagree with the following statements?		CORE_VALUES	
	1	Members of our partnership have a clear and shared understanding of the problems we are trying to address	1. Strongly Disagree 2. Disagree	VALUE1A	Allies Against Asthma
	2	There is a general agreement with respect to the mission of the partnership	3. Neither agree nor disagree 4. Agree	VALUE1B	
	3	There is general agreement with respect to the priorities of the partnership	5. Strongly Agree	VALUE1C	
	4	Members agree on the strategies the partnership should use in pursuing its priorities		VALUE1D	
Task roles and communication					
7		Please think about the community partners' involvement in research and **indicate the community partners' level of involvement** at each of the following stages of the research process.		TASK_ROLES_AND_COMMUNICATION	
	1	Developing community-based theories of the problem or intervention	1. Community partners **DID NOT/DO NOT** participate in this activity	TASK1A	Rand, Khodyakov
	2	Grant proposal writing		TASK1B	
	3	Background research	2. Community partners were/are **CONSULTED** on this activity	TASK1C	
	4	Choosing research methods		TASK1D	
	5	Developing sampling procedures	3.Community partners were/are **ACTIVELY ENGAGED** in this activity	TASK1E	
	6	Recruiting study participants		TASK1F	
	7	Implementing the intervention	4. Not at this stage of research 5. Does not apply	TASK1G	
8		Please think about the community partners' involvement in research and **in the community partners' level of involvement** at each of the following of the research process.		TASK_ROLES_AND_COMMUNICATION_2	Rand, Khodyakov
	1	Designing interview and/or survey questions	1. Community partners **DID NOT/DO NOT** participate in this activity	TASK1H	
	2	Collecting primary data		TASK1I	
	3	Analyzing collected data	2. Community partners were/are **CONSULTED** on this activity	TASK1J	
	4	Interpreting study findings		TASK1K	
	5	Writing reports and journal articles	3.Community partners were/are **ACTIVELY ENGAGED** in this activity	TASK1L	
	6	Giving presentations at meetings and conferences	4. Not at this stage of research 5. Does not apply	TASK1M	
9	1	Who initiated the study?	1. The community partner(s) 2. The academic partner(s) 3. Both 4. Other	TASK2	
	2t	On the last page, you indicated that an 'other' entity initiated the study. Please describe this entity.	Open-ended	TASK2_OTH	
Influence & power dynamics					
		STEM: Thinking about the current partnership, [insert name of research project], please indicate your **views on influence and power dynamics** in the partnership.		INFLUENCE_AND_POWER_DYNAMICS	
10		All partners had equal voice in deciding which funding opportunities were sought for this project	1. Strongly disagree 2. Disagree	INFLU1	
	1	I have influence over decisions that this partnership makes	3. Neither agree nor disagree 4. Agree	INFLU2	Israel, 1994
	2	Overall, I am satisfied with the amount of influence that each partner has over decisions that this partnership makes	5. Strongly agree	INFLU3	Israel, 1994

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11		Thinking about the way **decisions in this partnered project were made**. How often did you…		PARTICIPATORY_DECISION_MAKI	Rand, Khodyakov
	1	Feel comfortable with the way decisions are made in the project	1. Never	DECIS1A	a = .681
	2	Support the decisions made by the project team members	2. Rarely	DECIS1B	a = .790
	3	Feel that your opinion is taken into consideration by other project team members	3. Sometimes 4. Often	DECIS1C	
	4	Feel that you have been left out of the decision making process	5. Always	DECIS1D	
	5	Feel pressured to go along with decisions of the project team even though you might not agree		DECIS1E	
12		Whether or not I agree, overall **I feel committed to the decisions** that are made by the partnership.	1. Strongly disagree 2. Disagree 3. Neither agree nor disagree 4. Agree 5. Strongly agree	DECIS2	Becker, et al, 2003

Dialogue, listening, and mutual learning

Concept	Item	Survey Question	Response	Variable Label	Reference
		Thinking about your experiences in the most recent meetings with your community/academic partner in [insert name of organization], please indicate your perception of the **quality of dialogue or conversation.**		DIALOG_LISTENING_MUTUAL_LEARN	
13	1	We showed positive attitudes towards one another	1. Strongly disagree	PARTIC1	Oetzel, 2001,
	2	Everyone in our partnership participated in our meetings	2. Disagree	PARTIC2	Oetzel, 2001
	3	We listened to each other	3. Neither agree nor disagree 4. Agree	PARTIC3	
14	1	Arguments that occurred during our meetings were constructive	5. Strongly agree	COOP1	
	2	When disagreements occurred, we worked together to resolve them		COOP2	
	3	Even though we didn't have total agreement, we did reach a kind of consensus that we all accept		COOP3	
15	1	There were disrespectful remarks made during the conversation		RESPEC1	
	2	There was hidden or open conflict and hostility among the members		RESPEC2	
	3	The way the other members said some of their remarks was inappropriate		RESPEC3	

Leadership/stewardship

Concept	Item	Survey Question	Response	Variable Label	Reference
16		Please think about all of the people who provided either formal or informal leadership in this partnered project and rate the **overall effectiveness of your project's leadership** in each of the following areas…		LEADERSHIP	
	1	Taking responsibility for moving the project forward	1. Very ineffective	LEADR1A	
	2	Inspiring or motivating people involved in the project	2.Ineffective	LEADR1B	
	3	Encouraging active participation of academic and community partners in the decision-making	3. Somewhat effective 4. Effective	LEADR1C	
	4	Communicating the goals of the project	5. Very effective	LEADR1D	
	5	Working to develop a common language		LEADR1E	
	6	Fostering respect between partners		LEADR1F	
	7	Developing trust between partners		LEADR1G	
	8	Creating an environment where differences of opinion can be voiced		LEADR1H	
	9	Resolving conflict among partners		LEADR1I	
	10	Helping the partners be creative and look at things differently		LEADR1J	
	11	Recruiting diverse people and organizations into the project		LEADR1K	
	12	Providing orientation to new partners as they join the project		LEADR1L	
17		Please choose the statement that best describes **how well your project** used…		STEWARDSHIP	Rand, Khodyakov
	1	The team's financial resources	1. Makes poor use	LEADR2A	
	2	The team's in-kind resources	2. Makes fair use	LEADR2B	
	3	The team's time	3. Makes average use 4. Makes good use 5. Makes excellent use	LEADR2C	

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\multicolumn SECTION C: INTERVENTION/RESEARCH, PROXIMAL OUTCOMES					
Partnership Synergy					
18		Please think about the people and organizations that are/were partners in [insert name of project] and answer the following questions. By working together, how well are/were you and your partners able to…		PARTNERSHIP_SYNERGY	
	1	Develop goals that are widely understood and supported in this partnership	1. Not at all	SYNGY1A	Cronbach
	2	Develop strategies that are most likely to work for your community or stakeholders as a whole	2. A little 3. Sometimes 4. Mostly	SYNGY1B	
	3	Recognize challenges and come up with good solutions	5. To a great extent	SYNGY1C	
	4	Respond to the needs and problems of your stakeholders or community as a whole		SYNGY1D	
	5	Work together as a team		SYNGY1E	
SECTION D: OUTCOMES					
		STEM: In this section, we are interested to learn how participating in [insert name of research project] has **influenced broader contexts and the capacity of all research partners.**			
Systems and capacity changes					
19		Please indicate to what extent you think your project:		SYSTEMS_AND_CAPACITY_CHANGES	
	1	Improved the access, delivery, and quality of health services (broadly defined) in the community	1. Not at all 2. To a small extent	OUTCM1A	Rand, Khodyakov
	2	Resulted in sustained partnerships among agencies	3. To a moderate extent	OUTCM1B	
	3	Resulted in policy changes	4. To a great extent	OUTCM1C	
	4	Improved the overall health status of individuals in the community	5. To a very great extent 6. Not applicable	OUTCM1D	
	5	Received public recognition or acknowledgment from local policy makers and/or government officials		OUTCM1E	
	6	Resulted in acquisition of additional financial support		OUTCM1F	
	7	Improved the overall environment in the community		OUTCM1G	
	8t	Please list/explain any other **important outcomes** of [insert name of research project]	open - ended (250 characters)	OUTCM1H	
20		Please indicate the extent to which you think **you** enjoyed/are likely to enjoy the following **benefits as a result of participating** in this partnered project		OUTCOME_BENEFITS_PERSONAL	Rand, Khodyakov
	1	Enhanced my own reputation	1. Not at all	OUTCM2A	
	2	Enhanced my ability to affect public policy	2. To a small extent	OUTCM2B	
	3	Increased utilization of my expertise or services	3. To a moderate extent	OUTCM2C	
	4	Increased my ability to acquire additional financial support	4. To a great extent 5. To a very great extent	OUTCM2D	
21		Please indicate the extent to which you think the **community partners/agencies** enjoyed/are likely to enjoy the following **benefits as a result of participating** in this partnered project.		OUTCOME_BENEFITS_AGENCY	
	1	Enhanced the agencies' reputation	1. Not at all	OUTCM3A	
	2	Enhanced the agencies' ability to affect public policy	2. To a small extent	OUTCM3B	
	3	Increased utilization of agencies' expertise or services	3. To a moderate extent	OUTCM3C	
	4	Increased agencies' ability to acquire additional financial support	4. To a great extent 5. To a very great extent	OUTCM3D	
Changes in power relations					
		STEM: In this section, we are interested to learn how participating in [insert name of research project] has influenced **relations, sustainability, and health outcomes**.			
22		Thinking about power relations between the community and academic team members of [insert name of research project], please indicate the extent to which you agree or disagree with each statement below.		POWER_RELATIONS_SUSTAIN	
	1	Community team members have increased participation in the research process	1. Strongly disagree 2. Disagree	POWR1A	
	2	Community team members can talk about the project in other settings such as a community or political meeting	3. Neither agree nor disagree 4. Agree	POWR1B	
	3	Community team members can apply the findings of the research	5. Strongly agree	POWR1C	
	4	Community team members can voice their opinions about research in front of researchers		POWR1D	
	5	Community team members have sought continuing formal or informal education		POWR1E	

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Sustainability					
23		Thinking about the sustainability of [insert name of research project], please indicate the extent to which you agree or disagree with the following statements.		SUSTAINABILITY	
	1	I am committed to sustaining the community-academic relationship with no or low funding	1. Strongly disagree 2. Disagree 3. Neither agree nor disagree 4. Agree 5. Strongly agree	SUSTN1	
	2	This project is likely to continue forward after this funding is over		SUSTN2	
	3	Our partnership carefully evaluates funding opportunities to make sure they meet both community and academic partners' needs		SUSTN3	SH create
Health outcomes					
24		In your opinion, how much did or will your research project [insert name of research project] **improve the health of the community?**	1. Not at all 2. A little 3. Somewhat 4. Quite a bit 5. A lot	HEALTH	
Trust					
		STEM: Finally, the last section in this survey is about trust in the research partnership. We are interested to learn your views on **how the type and level of trust has evolved** during the course of the project. For these questions, we are asking about the **7 types of trust** defined below.		TRUST	Lucero -new measure
		1. **Critical Reflective Trust**: Trust, in this partnership, is at the place where mistakes and other issues resulting from differences (in culture; power) can be talked about and resolved in a good way. 2. **Proxy Trust:** Members of this partnership are trusted, because someone who we trust invited them, therefore we trust them. 3. **Functional Trust:** Members of this partnership are working together for a specific purpose and timeframe, but mistrust may still be present 4. **Neutral Trust:** We are still getting to know each other; there is neither trust nor mistrust. 5. **Unearned Trust:** Trust, is based on member's title or role with limited or no direct interaction prior to this project. Examples of title or roles may include: a community outsider, a physician, or community organizers. 6. **Proxy Mistrust:** Members of this partnership are not trusted because someone who we do not trust invited them, therefore we mistrust them. 7. **No Trust** Members of this partnership do not trust each other. It is likely that trust will not develop			
25		**Using the definitions of trust provided above**, please indicate your views on trust in the [insert project name] for each question below.		TRUST1	Lucero -new measure
	1	At the beginning of your partnership, what type of trust did you have?	1.No trust 2.Proxy Mistrust 3.Unearned Trust 4.Neutral Trust 5.Functional Trust 6.Proxy Trust 7. Critical Reflective	TRUST1A	
	2	What type of trust do you think you have now?		TRUST1B	
	3	What type of trust do you think you will achieve in the future?		TRUST1C	Luxury items
26		Thinking about the **level of trust between team members,** please indicate the extent to which you agree with the following statements		TRUST_CONT	
	1	I trust the decisions others to make about issues that are important to our projects	1. Strongly disagree 2. Disagree 3. Neither agree nor disagree 4. Agree 5. Strongly agree	TRUST2	Figueroa et. al, 2002
	2	I am comfortable asking other people to take responsibility for project tasks even when I am not present to oversee what they do		TRUST3	
	3	I can rely on the people that I work with on this project		TRUST4	
	4	People in this group/community have confidence in one another		TRUST5	

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27		What is your role in the project? *Please choose one response for each line.*		ROLE1	NW, new item
	1	Member of Community team	1. Principal Investigator 2. Key personnel	ROLE1A	
	2	Member of Academic Team	3. Staff 4. Other 5. Not a member of this team	ROLE1B	
	3t	You marked 'other' as your project role. What is your role in the project?	Open-ended *Show if: (ROLE1A=4:[Other]) or (ROLE1B=4:[Other])*	ROLE1_OT	
28		Please describe your role in the project	open-ended	ROLE2	NW, new item
SECTION E: DEMOGRAPHICS					
29	1	How would you describe your gender?	0. Female 1. Male 2. Transgender 3. Other (*if other gender, please specify*)	GENDER	
	2t	*(If other gender, please specify)*	open-ended	GENDER.TEXT	
30	1	What is your racial/ethnic origin?	1. American Indian 2. Alaska Native 3. Hispanic 4. Asian 5. Pacific Islander 6. White 7. Black 8. Mixed Race 9. Some other race (*if other race, please print the name of the race*)	CERACE	
	2t	*(if other race, please print the name of the race)*	open-ended	CERACE.TEXT	
Feedback				FEEDBCK	
		Finally, we would like your general comments on [insert project name].			
31		Can you tell us anything else about the positive or negative outcomes of [insert project name] not captured in this survey?	open-ended (250 characters)	FEEDBCK	

Thank you for participating in the Research for Improved Health: A National Study of Community-Academic Partnerships survey.