ATTACHMENT B

PSLA—WEB BASED SURVEY OF PIS AND PDS.

Research Evaluation and Impact Assessment of American Reinvestment and Recovery Act (ARRA) Comparative Effectiveness Research Portfolio

Principal Investigator-Project Director Survey

Conducted by:

Mathematica Policy Research

for

Office of the Assistant Secretary for Planning and Evaluation, U.S. Department of Health and Human Services

A.   PROJECT CHARACTERISTICS AND CONTEXT

This section asks you to provide or verify information about your project.

1a.   Please review your ARRA-funded CER project name below for accuracy. This is the project that we will be asking about throughout this survey.

Name of Project: (project name)

Is the ARRA-funded CER project name correct?

[1] □   Yes ➞ **GO TO Q.2**

[0] □   No

1b.   In the space provided below, please correct the project name:

Name of Project: Name of Project:
(project name)

_____

2.   In the email invitation you received for this survey, what was the first digit of your identification number?

[0] □   0

[1] □   1

3.   After completing your highest level of training, how many years have you been conducting research?

|__|__| Years

[n] □   I do not conduct research

4.   Comparative effectiveness research (also sometimes called patient-centered outcomes research) can be broadly defined as comparing different interventions or strategies to prevent, diagnose, treat, and monitor health conditions. Although the terminology itself is relatively new, some researchers have been conducting CER-like projects for many years. How many years have you, yourself, conducted comparative effectiveness research?

|__|__| Years

[n] □   I do not conduct comparative effectiveness research

5.   How would you rate the following?

	Low						High
	1	**2**	**3**	**4**	**5**	**6**	**7**
a. Your own level of CER expertise...................	[1] □	[2] □	[3] □	[4] □	[5] □	[6] □	[7] □
b. Your familiarity with the FCC[1] definition of CER...	[1] □	[2] □	[3] □	[4] □	[5] □	[6] □	[7] □
c. Your familiarity with IOM's CER priorities[2].…	[1] □	[2] □	[3] □	[4] □	[5] □	[6] □	[7] □

[1] FCC = Federal Coordinating Council for Comparative Effectiveness Research
[2] Institute of Medicine's *Initial National Priorities for Comparative Effectiveness Research*

If Q2=1, skip to Q11.

6a. **In general, would you say that your ARRA-funded CER project is:**

₁☐   Part of an ongoing body of research, educational activities, or other project work that existed in some form before the receipt of ARRA funds

₂☐   An original endeavor that did not have any predecessor activity ⟶ **GO TO Q.7**

6b. **What source of funding supported work that preceded your ARRA-funded CER project?**

MARK ALL THAT APPLY

₁☐   National Institutes of Health

₂☐   Agency for Healthcare Research and Quality

₃☐   Other federal government agency *(Specify)*

_____

₄☐   Foundation or other non-profit

₅☐   Industry

₆☐   Other source *(Specify)*

_____

7. **If the ARRA CER funds had not been available, how likely do you think it is that your project would have been funded through a different mechanism?**

₁☐   I would not have developed this project

₂☐   Very unlikely

₃☐   Somewhat likely

₄☐   Very likely

8. **In what ways did the following stakeholders participate in developing your ARRA-funded CER proposal? In what ways were/are they currently participating in your CER project?**

Stakeholders	Participated in CER Proposal Development						Participated/Currently Participating in CER Project					
	Did Not Participate	Conceptualizing or Prioritizing Research Questions	Selecting or Developing Appropriate Measures	Participating as Research Subjects	Serving in an Advisory Role	Other Involvement *(Specify)*	Did Not Participate/Not Participating	Conceptualizing or Prioritizing Research Questions	Selecting or Developing Appropriate Measures	Participating as Research Subjects	Serving in an Advisory Role	Other Involvement *(Specify)*
a. Patients	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐
b. Community-based practicing clinicians	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐
c. Payers	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐
d. Consumer advocates	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐
e. Policy makers	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐
f. Drug and device manufacturers	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐
g. Other stakeholders *(Specify)*	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐

9. **To what extent has each of the following factors hindered or promoted your ARRA-funded CER project?**

	Not Applicable	Greatly Hindered 1	2	3	4	5	6	Greatly Promoted 7
a. Amount of ARRA grant/contract funding	■	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
b. Other institutional funds to develop CER	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
c. Other extramural funds to develop CER	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
d. Non-financial institutional support	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
e. Data availability	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
f. Data cost	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
g. Patient availability	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
h. Support staff availability	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
i. Investigator time available for the project	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
j. Availability of other local expertise in CER	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
k. Working across multiple institutions or sites	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐

B.   PROJECT INTERIM OUTPUT

In this section, we would like to learn more about how your project is proceeding. We understand that most milestones have not yet been realized, and that some may even take years. Please give us your honest assessment of how things are going.

10.   What is the status of the following project milestones?

Milestones[1]	Not Applicable	Not Completed and Not on Schedule	Not Completed Yet but on Schedule	Completed but Not on Schedule	Completed on Schedule
a. Staff hired and/or trained..................................	n ☐	1 ☐	2 ☐	3 ☐	4 ☐
b. IRB and/or HIPAA approval.............................	n ☐	1 ☐	2 ☐	3 ☐	4 ☐
c. OMB clearance..	n ☐	1 ☐	2 ☐	3 ☐	4 ☐
d. Interim project documents (e.g., work plan or evaluation design)..	n ☐	1 ☐	2 ☐	3 ☐	4 ☐
e. Recruitment goals..	n ☐	1 ☐	2 ☐	3 ☐	4 ☐
f. Data access received.......................................	n ☐	1 ☐	2 ☐	3 ☐	4 ☐
g. Data analysis...	n ☐	1 ☐	2 ☐	3 ☐	4 ☐
h. Planned products (e.g., reports, abstracts)........	n ☐	1 ☐	2 ☐	3 ☐	4 ☐
i. Other milestone *(Specify)*............................... _____	n ☐	1 ☐	2 ☐	3 ☐	4 ☐
j. Other milestone *(Specify)*............................... _____	n ☐	1 ☐	2 ☐	3 ☐	4 ☐

[1] IRB = Institutional Review Board; HIPAA = Health Insurance Portability and Accountability Act of 1996; OMB = Office of Management and Budget

11.   What barriers have you encountered in trying to conduct your CER project?

If Q2=1, skip to Q13.

12a. **ARRA-funded CER projects have diverse goals and products. How many of the following were planned as part of your project? How many are completed to date?** *If none in a category were planned or completed, please write "0" in the appropriate spaces.*

	Number Planned	Number Completed
a. Peer-reviewed scientific papers..	|__|__|	|__|__|
b. Other publicly available reports..	|__|__|	|__|__|
c. Conference presentations..	|__|__|	|__|__|
d. New or linked research datasets for CER...	|__|__|	|__|__|
e. New data tools (e.g., SAS macros, interactive spreadsheets)....................	|__|__|	|__|__|
f. New or substantially revised courses for CER training programs..............	|__|__|	|__|__|
g. CER workshops or symposia...	|__|__|	|__|__|
h. Other product *(Specify)*.. _____	|__|__|	|__|__|
i. Other product *(Specify)*.. _____	|__|__|	|__|__|
j. Other product *(Specify)*.. _____	|__|__|	|__|__|

12b. **To date, have you expanded, established, or joined any of the following as part of your project?**

MARK ALL THAT APPLY

	Yes, Expanded Existing	Yes, Established New	Yes, Joined	No
a. Community-based practice network.........................	1 ☐	2 ☐	3 ☐	0 ☐

	Yes, Expanded Existing	Yes, Established New	Yes, Joined	No
b. Institutional CER research center..	1 ☐	2 ☐	3 ☐	0 ☐
c. CER training program..	1 ☐	2 ☐	3 ☐	0 ☐

12c. **IF PRODUCTS PLANNED/REALIZED: Do you anticipate that any of the following will continue beyond the period of ARRA funding (e.g., from user fees, tuition, etc.)?**

MARK ALL THAT APPLY

₁☐ Datasets for CER

₂☐ Community-based practice networks

₃☐ Institutional CER research centers

₄☐ CER training programs

₅☐ CER workshops or symposia

₆☐ Other products (S*pecify)*

_____

13. **If you were conducting your project again, what would you do differently?**

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If Q2=1, skip to Q16a.

14. **Did your ARRA-funded CER project require the following expertise? IF YES: Did you bring additional expertise into your CER team (including consultants from other organizations, adding time for existing scientists elsewhere in your organization, as well as new hires)?**

	Expertise Required		Full-Time Equivalents Added				
	Yes	**No**	**None**	**0.01 to 0.25**	**0.26 to 0.50**	**0.51 to 1.00**	**>1.00**
a. Clinical practice (e.g., medicine, nursing, pharmacy, physical therapy, clinical psychology)	1 ☐	0 ☐	0 ☐	1 ☐	2 ☐	3 ☐	4 ☐
b. Clinical trials	1 ☐	0 ☐	0 ☐	1 ☐	2 ☐	3 ☐	4 ☐
c. Epidemiology	1 ☐	0 ☐	0 ☐	1 ☐	2 ☐	3 ☐	4 ☐
d. Health services research	1 ☐	0 ☐	0 ☐	1 ☐	2 ☐	3 ☐	4 ☐
e. Biomedical informatics	1 ☐	0 ☐	0 ☐	1 ☐	2 ☐	3 ☐	4 ☐
f. Biostatistics	1 ☐	0 ☐	0 ☐	1 ☐	2 ☐	3 ☐	4 ☐
g. Economics or econometrics	1 ☐	0 ☐	0 ☐	1 ☐	2 ☐	3 ☐	4 ☐
h. Implementation science (dissemination research)	1 ☐	0 ☐	0 ☐	1 ☐	2 ☐	3 ☐	4 ☐
i. Survey methodology or psychometrics	1 ☐	0 ☐	0 ☐	1 ☐	2 ☐	3 ☐	4 ☐
j. Quality improvement research	1 ☐	0 ☐	0 ☐	1 ☐	2 ☐	3 ☐	4 ☐
k. Decision science	1 ☐	0 ☐	0 ☐	1 ☐	2 ☐	3 ☐	4 ☐
l. Library science	1 ☐	0 ☐	0 ☐	1 ☐	2 ☐	3 ☐	4 ☐
m. Communications	1 ☐	0 ☐	0 ☐	1 ☐	2 ☐	3 ☐	4 ☐
n. Other expertise *(Specify)* ___	1 ☐	0 ☐	0 ☐	1 ☐	2 ☐	3 ☐	4 ☐
o. Other expertise *(Specify)* ___	1 ☐	0 ☐	0 ☐	1 ☐	2 ☐	3 ☐	4 ☐

15. **Please rate the availability to your project of appropriately trained researchers with the following expertise.**
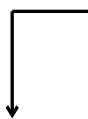
	Not Applicable for Project	No Availability 1	2	3	4	5	6	High Availability 7
a. Clinical practice.........................	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
b. Clinical trials.............................	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
c. Epidemiology............................	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
d. Health services research..........	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
e. Biomedical informatics.............	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
f. Biostatistics..............................	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
g. Economics or econometrics.....	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
h. Implementation science (dissemination research)..........	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
i. Survey methodology or psychometrics........................	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
j. Quality improvement research..................................	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
k. Decision science.....................	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
l. Library science........................	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
m. Communications.....................	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
n. Other researchers *(Specify)*…. _____	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
o. Other researchers *(Specify)*…. _____	n ☐	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐

C.   PROJECT INTERIM OUTCOMES

This section asks how your ongoing ARRA-funded CER project may have already impacted your research and funding planning.

16a.   Have you received a commitment for continued funding for your CER project after its ARRA-funding is concluded?

$_1\square$ Yes

$_0\square$ No ➝ **GO TO Q.16c**

16b.   What is the source of this continued funding?

MARK ALL THAT APPLY

$_1\square$ National Institutes of Health

$_2\square$ Agency for Healthcare Research and Quality

$_3\square$ Other federal government agency *(Specify)*

_____

$_4\square$ Foundation or other non-profit

$_5\square$ Industry

$_6\square$ Other source *(Specify)*

_____

Go to Q17.

16c.   How likely are you to pursue continued funding for your project?

$_1\square$ Not at all likely

$_2\square$ Somewhat likely

$_3\square$ Very likely

$_4\square$ I am actively seeking continued funding

17.   **To what extent do you think ARRA funding for CER has negatively or positively affected the following:**

	Very Negatively Affected						Very Positively Affected
	1	2	3	4	5	6	7
a. Your CER research priorities……	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
b. Your CER research collaborations............................	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
c. Your career plans........................	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
d. Your field or discipline.................	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐
e. CER capabilities at your institution....................................	1 ☐	2 ☐	3 ☐	4 ☐	5 ☐	6 ☐	7 ☐

18. How likely are you to be involved in future CER projects?

1 ☐   Not at all likely

2 ☐   Somewhat likely

3 ☐   Very likely

4 ☐   I am already conducting a CER project that started after ARRA

19a. **The federal government has recognized the following areas of investment as key to developing national CER capabilities. Please choose the two that you feel are most important to advancing the goals of CER, where 1=highest priority area and 2=second highest priority area.**

	Two Highest Priorities
a. Synthesizing existing CER evidence..	|___|
b. CER methods development..	|___|
c. Research training to develop new CER investigators...	|___|
d. CER career development for trained investigators...	|___|
e. Identifying priority research topics (e.g., interventions, conditions, or populations) for CER.............	|___|
f. Dissemination and translation of CER evidence for clinicians, patients, and other decision makers...	|___|
g. Stakeholder involvement in CER...	|___|
h. Creating, linking, or making available datasets and data tools for observational CER...................... CER	|___|
i. Generating new CER evidence..	|___|

19b. **For your area of highest priority identified above, what do you see as the critical next steps to advance the goals of CER?**

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19c. **For your area of second highest priority identified above, what do you see as the critical next steps to advance the goals of CER?**

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<u>If Q2=1, skip to Q21.</u>

20. **If there is a co-investigator or other collaborator working closely with you on your ARRA CER project, please provide his or her name and email address. We would like to send him or her a shortened version of this questionnaire to learn more about the ARRA-funded CER portfolio.**

Name: _____ Email: _____

21.　　**Please share any other comments you have about your experiences with ARRA-funded comparative effectiveness research that you think are relevant for this evaluation.**

Thank you for completing this survey.

MPR DOCUMENTATION:

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