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**NATIONAL SCIENCE FOUNDATION
INDUSTRY-UNIVERSITY
COOPERATIVE RESEARCH CENTERS
EVALUATION PROJECT**

Industry Questionnaire

Center:

INSTRUCTIONS: Please answer all questions. For multiple choice questions please **CIRCLE** the number that corresponds with your response. For the remaining questions, please **FILL IN** the blanks as indicated. Attach additional sheets as necessary.

Return by:

Return to:

I RESEARCH PROGRAM

1) What percentage of Center research projects do you take an active interest in?
 • 0-19% (1) • 20-39% (2) • 40-59% (3) • 60-79% (4) • 80-100% (5) [7]

2) Among current and recent Center projects, which two have had the greatest relevance for your organization/division? (list by project name or investigator)

a _____ [8]

b _____ [9]

[Coder: 0 = no comment, 1 = comment].

3) How long, on average, do you feel that it should take for a new Center research project to yield tangible results? **number of months:** ____ ____ [10-11]

I RESEARCH PROGRAM-continued

4) During the past year, how satisfied were you with the following features of the Center's <i>research program</i> ?		Not Satisfied	Slightly Satisfied	Somewhat Satisfied	Quite Satisfied	Very Satisfied	
a	Capabilities of faculty and graduate students	1	2	3	4	5	[12]
b	Breadth of the research topics covered	1	2	3	4	5	[13]
c	Focus of the research	1	2	3	4	5	[14]
d	Technical quality of the research	1	2	3	4	5	[15]
e	Innovative quality of the research	1	2	3	4	5	[16]
f	Relevance of research to my organization's <i>short term</i> (1-2 years) needs	1	2	3	4	5	[17]
g	Relevance of research to my organization's <i>long term</i> (3+ years) needs	1	2	3	4	5	[18]

Comments for Question 4

5) How can the Center improve its research program? Comments on items a-g rated "1" or "2" are particularly valuable. [19]

[Coder: 0 = no comment, 1 = comment].

II TECHNICAL BENEFITS

6) During the past year, approximately how many center-stimulated research projects were supported by your organization (include projects contracted to outside performers)? Please estimate the dollar value of all center-stimulated research projects (**excluding center membership fee**).

		# of projects	Total dollar value of all projects combined	
a	New research projects supported by <i>your organization</i>	___ ___	___, ___, ___	[20-21] [22-26]

[Coder: "0" projects = "0" dollar value] [Coder: code as thousands of dollars]

7) During the past year, to what extent has participation in the Center contributed to the following technical benefits for your organization?

Research and Development		No Impact	Slight Impact	Moderate Impact	High Impact	Very High Impact	Not Applicable	
a	Increased your general technical awareness and/or capabilities in this area	1	2	3	4	5	9	[27]
b	Accelerated or improved existing research projects	1	2	3	4	5	9	[28]
c	Stimulated new research projects	1	2	3	4	5	9	[29]
d	Contributed to development of intellectual property within my organization	1	2	3	4	5	9	[30]

II TECHNICAL BENEFITS-continued

<i>Commercialization</i>		No Impact	Slight Impact	Moderate Impact	High Impact	Very High Impact	Not Applicable	
e	Improvements to <i>existing</i> products, processes and/or services	1	2	3	4	5	9	[31]
f	Development of <i>new</i> products, processes, or services	1	2	3	4	5	9	[32]
g	Improved sales and/or profitability	1	2	3	4	5	9	[33]
h	Created or helped maintain jobs in your organization	1	2	3	4	5	9	[34]

Comments for Question 7

8) If your organization has benefited *technically* from its participation in the Center, please describe how (e.g. brief description of research advance or product/process improved, etc.) and where possible, try to quantify benefit (e.g., dollars saved, months saved, waste/scrap reduction, etc.).
Note: This information is helpful for member recruitment and continuing government sponsorship.

9) How can the Center improve your technical benefits?

[Coder: 0 = no comment, 1 = comment].

III OTHER BENEFITS

10) During the past year, to what extent has participation in the Center contributed to the following other benefits for your organization?

		No Impact	Slight Impact	Moderate Impact	High Impact	Very High Impact	Not Applicable	
a	Enhanced your ability to recruit talented students	1	2	3	4	5	9	[37]
b	Improved cooperation with scientists and technical resources outside your organization	1	2	3	4	5	9	[38]
c	Improved cooperation with other Center members	1	2	3	4	5	9	[39]

11) During the past year, how many students trained in the Center research projects were hired by your organization? **students hired:** ____ [40-41]

IV CENTER ADMINISTRATION & OPERATIONS

12) During the past year, how *satisfied* were you with the following features of the Center's administrative operations?

	Not Satisfied	Slightly Satisfied	Somewhat Satisfied	Quite Satisfied	Very Satisfied	
a	1	2	3	4	5	[42]
b	1	2	3	4	5	[43]
c	1	2	3	4	5	[44]
d	1	2	3	4	5	[45]
e	1	2	3	4	5	[46]
f	1	2	3	4	5	[47]
g	1	2	3	4	5	[48]
h	1	2	3	4	5	[49]

Comments for Question 12

13) How can your Center improve its administrative operations? Comments on items a-h rated "1" or "2" are particularly valuable. [50]

[Coder: 0 = no comment, 1 = comment].

V GENERAL EVALUATION

14) To what extent are you generally satisfied with the operation and activities of the Center?	Not Satisfied	Slightly Satisfied	Somewhat Satisfied	Quite Satisfied	Very Satisfied	
	1	2	3	4	5	[51]

15) Will your organization renew its membership?	Definitely Not	Probably Not	Uncertain	Probably Yes	Definitely Yes	
	1	2	3	4	5	[52]

V GENERAL EVALUATION-continued

16) What can the Center do to make your renewal more likely? Please describe. (Attach extra sheet if necessary) [53]

17) What Center activities do you like? What Center activities should be continued or maintained? [54]

[Coder: 0 = no comment, 1 = comment].

VI MEMBER INFORMATION

- 18) Which **one** of the following industrial categories best describes your division's **primary** research area? [55-56]
- Food (01)
 - Textiles or apparel (02)
 - Lumber, wood, or furniture (03)
 - Paper (04)
 - Chemical (05)
 - Petroleum (06)
 - Rubber (07)
 - Stone, clay or glass (08)
 - Primary metals (09)
 - Fabricated metals (10)
 - Machinery (11)
 - Motor vehicles (12)
 - Other transportation (13)
 - Aircraft or missiles (14)
 - Munitions (15)
 - Other military equipment (16)
 - Electrical, electronic, or communication equipment (17)
 - Professional or scientific instruments (18)
 - Surgical or medical supplies (19)
 - Other manufacturing (20)
 - Health services (21)
 - Mining (22)
 - Building or construction (23)
 - Other non-manufacturing (24)

- 19) Years organization has been a member of the Center: [57]
- 0-1 years (1)
 - 2-3 years (2)
 - 4-5 years (3)
 - 6-7 years (4)
 - 8 or more years (5)

- 20) Organization is: [58]
- For-Profit - Large (> 500 employees) (1)
 - For-Profit - Small (< 500 employees) (2)
 - Non-Profit / Government (3)

- 21) Which functional group pays for your organization's membership in this center? (**check all that apply**) [59-60]
- Corporate (1)
 - Engineering (4)
 - Marketing/Sales (7)
 - Research (2)
 - Product Development (5)
 - Other (8) _____
 - Development (3)
 - Manufacturing (6)
- [Coder: code up to two responses]

22) Which of the following best describes your estimate of your division/organization's financial status for next fiscal year?	Significant budget cuts	Modest budget cuts	Stable budget	Modest budget increases	Significant budget increases
	1	2	3	4	5

[61]

THANK YOU FOR YOUR COOPERATION!

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