

ATTACHMENT A-2
Research Environment Survey

Research Environment Survey – 2007-2008

Your managers want to learn what you like about your current work environment and how they might improve that for you. *What do you need* to do excellent research or technology development that contributes to organizational goals and the national interest?

Your response will also contribute to building a “science of science and innovation policy,” because your department or center was specifically chosen for a DOE/NSF funded study on that challenge.

You are being asked to complete this survey. Your participation is voluntary. The survey will take about 30 minutes to complete. You will receive a copy of survey results.

The opinions you express on this survey are strictly confidential. No attempt will be made to identify individual respondents in any publications or communications resulting from this research. Analysis will be done by a Sandia contractor/University of Maryland research team. Results will be publicly reported to you and your managers, but only with summary data for groups of 10 or more.

This research has been approved as meeting the ethical standards of the Human Studies Board of XXXXXXXX Laboratories. If you have any questions for the review board, you may contact:

Name
Title, Organization
Telephone, E Mail

For more information about this survey or the DOE Research Environment Project contact Dr. Gretchen Jordan, Sandia Point of Contact and Principal Researcher, Dept. 01012, 505-844-9075, gbjorda@sandia.gov. Thank you in advance for your consideration and participation.

Related to this project, what percent of the time...	Percent time true per year					N A
	0% to 20%	21% to 40%	41% to 60%	61% to 80%	81% to 100%	
research?						
1b. Should researchers make most of the decisions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2a. Are researchers excited about their work?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2b. Should researchers be excited about their work?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3a. Do researchers have to think creatively?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3b. Should researchers think creatively?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4a. Do researchers have freedom to explore new ideas?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4b. Should researchers have freedom to explore new ideas?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5a. Do researchers take risks with ideas or techniques?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5b. Should researchers take risks with ideas or techniques?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Extent of Collaboration on Research

A **Collaboration** is an interactive, joint action toward common goals. People in a team represent a collaboration. Multiple teams working on a project is a collaboration. There may be multiple collaborations or teams within larger projects. People may collaborate on unfunded activities.

For questions 6 through 8, please estimate the hours per month it was true during the past year-- and then the hours per month it should have been true during the year.

6a. How many hours per month are spent on internal communication about project goals and management among people inside the Laboratory? Hours/month _____

6b. How many hours per month *should be* spent on internal communication? Hours/month _____

development research

Laboratory Support for Research

Please evaluate capabilities of the Laboratory as these relate to your project during the past year.

	poor	below average	average	above average	excellent	NA
39. The availability of services:						
Library	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Computing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crafts/machining	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40. The efficiency of accounting and procurement.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41. The efficiency of necessary procedures and processes in these areas:						
Environment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Safety	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Health	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42. The measures used to judge accomplishment of mission goals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
43. The depth of technical competencies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
44. The competitiveness of the overhead rates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PART II: Overall Impressions

1. Overall, I would rate my research/work environment as...

For this project:

Very Poor Poor Marginal Average Good Very Good Excellent-Outstanding

Over all, for all my projects:

Very Poor Poor Marginal Average Good Very Good Excellent-Outstanding

2. Overall, I believe that my research/work environment is...

For this project:

Getting Worse Staying About the Same Improving

Overall, for all my projects :

Getting Worse Staying About the Same Improving

3 Overall, I believe the Laboratory reputation for its research is...

Very Poor Poor Marginal Average Good Very Good Excellent-Outstanding

4. Overall, the Laboratory is a great place to work.

Strongly Disagree Disagree Neutral Agree Strongly Agree NA

Part III. Demographics

1. Please enter your 5 digit department in the blank (e.g. 14332 or 01142).

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2b. What is the total number of projects you worked on during the past calendar year?

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3. Please identify approximately what percentage of your funding comes from each of the following six sources.

This project	Total of my projects	
_____%	_____%	from LDRD
_____%	_____%	from DOE Defense Programs
_____%	_____%	from DOE non defense programs (e.g. SC, FE, EE)
_____%	_____%	from other Federal agencies (e.g., DOD, EPA, Homeland Security)
_____%	_____%	from Private Sector sources
_____%	_____%	Don't Know

100%

100%

N/A

4. What is your job classification?

- MTS/SMTS/PMTS/DMTS/Senior Scientist–Engineer
- Technologist
- Post Doctoral Student
- Contractor/Limited Term Employee (specify Tech Staff or Technologist)_____
- Manager/Director/Vice President/Executive Vice President/President
- Other (Please specify)_____

5. Number of years at the Laboratory

- 0 < 3
- 3 – 5
- 6 – 8
- 9 - 14
- 15 - 20
- 21+

6. How You Spend Your Time

For all your projects, please estimate the percentage of time you spent on the following activities during the past year:

- a. Research (literature review, research planning and review, theorizing, experimenting, writing papers) _____%
 - b. Routine technical tasks (setting up samples, checking equipment, keeping logs) _____%
 - c. Professional activities (reviewing papers, attending conferences, presenting research) _____%
 - d. Seeking funds and interacting with sponsors (writing proposals, reports, meetings) _____%
 - e. Administration (paperwork, personnel issues, communication not related to research) _____%
 - f. Organizational activities (regulatory compliance, training, mentoring, outreach, public relations) _____%
- Total** **100%**

PART IV: Nature of Research Networks

These two questions ask about your collaborators inside and outside the Laboratory. Your answers are confidential. Only summary data, with no names whatsoever, will be reported.

For the project on which your survey responses are focused, list the last names (or if you prefer use initials or other identifiers) of people with whom you collaborate at least several times a year in the process of your research work. Also, using the key provided, please circle to indicate their location or organization, the primary nature of your collaboration, and the frequency of the collaboration during the past year.

Key:

Location: P = this project, D = department, C=Center/Division, O=Outside
Center/Division

Organization: U= University, I= Industry, L= other Laboratory, G= government

Nature: R= project work C=Co-author, A= Advise

Frequency: D=daily, W=weekly, M=monthly, S=several times a year

INSIDE			
Collaborator (last name or initials)	Location	Nature of Collaboration (all that apply)	Frequency of Collaboration
1.	P D C O	R C A Other	D W M S
2.	P D C O	R C A Other	D W M S
3.	P D C O	R C A Other	D W M S
4.	P D C O	R C A Other	D W M S
5.	P D C O	R C A Other	D W M S
6.	P D C O	R C A Other	D W M S
7.	P D C O	R C A Other	D W M S
8.	P D C O	R C A Other	D W M S
Please specify "Other"			

OUTSIDE			
Collaborator	Organization	Nature of Collaboration (all that apply)	Frequency of Collaboration
1.	U I L G	R C A Other	D W M S
2.	U I L G	R C A Other	D W M S
3.	U I L G	R C A Other	D W M S
4.	U I L G	R C A Other	D W M S
5.	U I L G	R C A Other	D W M S
6.	U I L G	R C A Other	D W M S
7.	U I L G	R C A Other	D W M S
8.	U I L G	R C A Other	D W M S
Please specify "Other"			

Part V. Comments and Suggestions
(continue on the back if necessary)

Add any comments for one or more topics, including suggestions for enabling your research success.

A. Exploration and Autonomy in Research/ Work

B. Extent of Collaboration on Research/ Work

C. Exchange of Technical Information

D. Quantity and Quality of Resources for Research/Work

E. Rewards for Research/Work

F. Value from Management of Research/Work

G. Laboratory Strategy and investment for Research

H. Laboratory Support for Research/Work

I. Other

Thank you for taking the time to complete this survey. A report on the study will be provided to all respondents within 16 weeks of the end of the survey period. For more information or comment contact Gretchen Jordan (Dept 01012) by email or at 505-844-9075.