

APPENDIX

Questionnaire items on the determinants of research collaboration

This section of the questionnaire assesses your 'beliefs' about *future* research collaboration. *Research collaboration* is defined as doing research with or for another person, group, community or institution that provides input, such as problem definition, research expertise and/or resources, to the research process and/or that party or you may use the research findings for a particular purpose besides the acquisition of a degree or promotion.

Instruction: Please **respond to all items** by **circling the number** beneath the dashes that best describes your opinion.

1. I *intend to* do research, *in the next four years*, with inputs from others interested in the research findings.

least likely: ____: ____:____:____:____:____:____: very likely

1 2 3 4 5 6 7

2. I *will try to* do research, *in the next four years*, with inputs from others interested in the research findings.

least likely: ____: ____:____:____:____:____:____: very likely

1 2 3 4 5 6 7

3. I *plan to* do research, *in the next four years*, with inputs from others interested in the research findings.

Weak agreement: ____: ____:____:____:____:____:____: strong agreement

1 2 3 4 5 6 7

➤ Please note that the rest of the items in this Section consist of two opinions each.

4. The **preamble** to items **4(a) to 4(e)** is:

Doing research, in the next four years, with inputs from others interested in the research findings, will enable me to...

4. (a) ... advance my academic research work.

least likely: ____: ____:____:____:____:____:____: very likely
1 2 3 4 5 6 7

Advancing my research work is

least desirable ____: ____:____:____:____:____:____: very desirable
1 2 3 4 5 6 7

4. (b) ... improve my teaching.

least likely: ____: ____:____:____:____:____:____: very likely
1 2 3 4 5 6 7

Improving my teaching is

least important ____: ____:____:____:____:____:____: very important
1 2 3 4 5 6 7

4. (c) ... fast track my promotion to the next rank or obtain a higher status.

least likely:____: ____:____:____:____:____:____: very likely
1 2 3 4 5 6 7

Fast tracking my promotion or obtaining a higher status is

least desirable ____: ____:____:____:____:____:____: very desirable
1 2 3 4 5 6 7

4. (d) ... earn extra income/gain wealth.

least likely: ____: ____:____:____:____:____:____: very likely

1 2 3 4 5 6 7

Earning extra income/gaining wealth is

least desirable:____: ____:____:____:____:____:____: very desirable

1 2 3 4 5 6 7

4. (e) ... improve my reputation in society.

least likely: ____: ____:____:____:____:____:____: very likely

1 2 3 4 5 6 7

Improving my reputation in society is

least important ____: ____:____:____:____:____:____: very important

1 2 3 4 5 6 7

5. I am sure that I can

least relate:____: ____:____:____:____:____:____: very much relate

1 2 3 4 5 6 7

with interested others who decide to provide input to my research *in the next four years.*

My ability to relate with interested others would make it

less easy:____: ____:____:____:____:____:____: very easy

1 2 3 4 5 6 7

to do research with the interested others who are likely to provide input to my research work, *in the next four years.*

6. I am very sure that I will be

less able:____: ____:____:____:____:____:____: more able

1 2 3 4 5 6 7

to do whatever research type, whether for understanding, application or both, that I am required to do *in the next four years*.

My ability to do whatever research type would make it

less easy: ____: ____: ____: ____: ____: ____: ____: very easy

1 2 3 4 5 6 7

to do research, *in the next four years*, with others who will provide inputs to the research and are interested in my research findings.

7. My institution expects

less: ____: ____: ____: ____: ____: ____: ____: very much

1 2 3 4 5 6 7

that I do research, *in the next four years*, with inputs from others interested in the research findings.

Generally speaking, how much do you want to do what your institution expects you to do?

Least concerned: ____: ____: ____: ____: ____: ____: ____: very much concerned

1 2 3 4 5 6 7

8. My close fellow academics will

least approve: ____: ____: ____: ____: ____: ____: ____: very much approve

1 2 3 4 5 6 7

that I do research, *in the next four years*, with inputs from others interested in the research findings.

Generally speaking, how much do you want to do what your fellow academics will approve that you do?

Least concerned: ____: ____: ____: ____: ____: ____: ____: very much concerned

1 2 3 4 5 6 7

9. My Head of Department or Dean or Provost is

least likely: ____: ____:____:____:____:____:____: very likely

1 2 3 4 5 6 7

to support my quest to do research, *in the next four years*, with inputs from others interested in the research findings.

Generally speaking, how much do you want to do what your Head approves that you should do?

Least concerned: ____: ____:____:____:____:____:____: very much concerned

1 2 3 4 5 6 7

10. My community leader(s) expects

less: ____: ____:____:____:____:____:____: very much

1 2 3 4 5 6 7

that I do research, *in the next four years*, with inputs from others interested in the research findings.

Generally speaking, how much do you want to do what the community leader(s) expect(s) you should do?

Least concerned: ____: ____:____:____:____:____:____: very much concerned

1 2 3 4 5 6 7

11. I expect that my work will place high demands on my time *in the next four years*.

Least likely: ____: ____:____:____:____:____:____: very likely

1 2 3 4 5 6 7

My work placing high demands on my time, *in the next four years*, would make it

less difficult: ____: ____:____:____:____:____:____: very difficult

1 2 3 4 5 6 7

to do research with or for others who are interested in my research and want to provide input to the research.

12. I am confident that I will get funding, *in the next four years*, from the university or government to do research with others who are interested in my research findings.

Least agreement: ____: ____: ____: ____: ____: ____: ____: strong agreement

1 2 3 4 5 6 7

Getting funding from the university or government would make it

less easy: ____: ____: ____: ____: ____: ____: ____: very easy

1 2 3 4 5 6 7

to do research, *in the next four years*, with inputs from others interested in the research findings.

13. I am sure that the university or government will offer me monetary or non-monetary reward if I decide to do research, *in the next four years*, with others who are interested in the research findings.

Least agreement: ____: ____: ____: ____: ____: ____: ____: strong agreement

1 2 3 4 5 6 7

An assurance of a reward from the university or government would make it

less easy: ____: ____: ____: ____: ____: ____: ____: very easy

1 2 3 4 5 6 7

to do research, *in the next four years*, with inputs from others interested in the research findings.

14. I am confident that I will legally get my intellectual property rights well enforced, if the need arises, when I do research *in the next four years* with others interested in the research findings.

Least agreement: ____: ____: ____: ____: ____: ____: ____: strong agreement

1 2 3 4 5 6 7

Having my intellectual property rights well enforced would make it

less easy: ____: ____: ____: ____: ____: ____: ____: very easy

1 2 3 4 5 6 7

to do research, *in the next four years*, with inputs from others interested in the research findings.

15. I am sure that I will get the necessary support infrastructure like software or equipment or laboratory facilities at my workplace when I do research, *in the next four years*, with others interested in the research findings.

Least agreement: ____: ____: ____: ____: ____: ____: ____: strong agreement

1 2 3 4 5 6 7

Having access to the necessary support infrastructure would make it

less easy: ____: ____: ____: ____: ____: ____: ____: very easy

1 2 3 4 5 6 7

to do research, *in the next four years*, with inputs from others interested in the research findings.

16. I am confident that I will get the necessary administrative support from my university/other relevant institutions when I decide to do research, *in the next four years*, with others interested in the research findings.

Least agreement: ____: ____: ____: ____: ____: ____: ____: strong agreement

1 2 3 4 5 6 7

Receiving the necessary administrative support from my university/other relevant institutions would make it

less easy: ____: ____: ____: ____: ____: ____: ____: very easy

1 2 3 4 5 6 7

to do research, *in the next four years*, with inputs from others interested in the research findings.

17. I am confident that I will find an individual or group or institution, *in the next four years*, that is willing to provide some input and/or is interested in the research findings.

Least agreement: ____: ____:____:____:____:____:____: strong agreement

1 2 3 4 5 6 7

Finding others who are willing to provide input and/or are interested in my research findings would make it

less easy:____: ____:____:____:____:____:____: very easy

1 2 3 4 5 6 7

to do research, *in the next four years*, with such interested others.

18. I am sure that I will find an interested individual or group or institution that has the capacity to use the research findings when I decide to do research, *in the next four years*.

Least agreement: ____: ____:____:____:____:____:____: strong agreement

1 2 3 4 5 6 7

Being certain of the availability of others who have the capacity to use the research findings would make it

less easy:____: ____:____:____:____:____:____:very easy

1 2 3 4 5 6 7

to do research, *in the next four years*, with support from others.

