Attachment 20:

NRMN Research & Grant Writing Module

NIH DIVERSITY CONSORTIUM

Faculty Trainee Research & Grant Writing Skills

We would like to know how confident you are today that you can successfully perform the tasks listed below.

Using the 10 point confidence scale, indicate your level between 1="No Confidence" and 10="Total Confidence" in your current abilities in these general areas of grant writing. Use "N/A" when a task statement does not seem appropriate for your training.

Research & Grant Writing Skills \ Trainees	No Confidence									Total Confidence	N/A
1. Select a suitable topic area for their study.	1	2	3	4	5	6	7	8	9	10	N/A
2. Refine a problem so it can be investigated.	1	2	3	4	5	6	7	8	9	10	N/A
3. Develop a logical rationale for their particular research idea.	1	2	3	4	5	6	7	8	9	10	N/A
4. Organize their proposed research ideas in writing.	1	2	3	4	5	6	7	8	9	10	N/A
5. Articulate a clear purpose for their research.	1	2	3	4	5	6	7	8	9	10	N/A
6. Place their study in the context of existing research and justify how it contributes to important questions in the area.	1	2	3	4	5	6	7	8	9	10	N/A
7. Relate their specific questions of interest to underlying theory.	1	2	3	4	5	6	7	8	9	10	N/A
8. Convince grant reviewers their proposed study is worth funding.	1	2	3	4	5	6	7	8	9	10	N/A

	1	2	3	4	5	6	7	8	9	10	N/A
9. Choose an appropriate research design that will answer a set of research questions and/or test a set of hypothesis.	○	○	○	○	○	○	○	○	○	○	○
10. State the purpose, strengths, and limitations of each study design.	○	○	○	○	○	○	○	○	○	○	○
11. Determine the universe, population, and appropriate sample for a given study.	○	○	○	○	○	○	○	○	○	○	○
12. Determine an adequate number of subjects for their research project.	○	○	○	○	○	○	○	○	○	○	○
13. Select methods of data collection appropriate to their study population and variable(s) of interest.	○	○	○	○	○	○	○	○	○	○	○
14. Determine how each variable will be measured.	○	○	○	○	○	○	○	○	○	○	○
15. Design the best data analysis strategy for their study.	○	○	○	○	○	○	○	○	○	○	○
16. Conduct the appropriate statistical analyses to answer your research questions	○	○	○	○	○	○	○	○	○	○	○
17. Identify appropriate funding sources (local, state, national) to support their study.	○	○	○	○	○	○	○	○	○	○	○
18. Speak with a person at the funding agency regarding their project or project ideas.	○	○	○	○	○	○	○	○	○	○	○
19. Describe a major funding agency's (e.g., NIH, foundation) proposal review and award process.	○	○	○	○	○	○	○	○	○	○	○
20. Write a competitive grant application.	○	○	○	○	○	○	○	○	○	○	○
21. Write-up research findings for publication in a peer-reviewed journal	○	○	○	○	○	○	○	○	○	○	○

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