**Supplemental Materials**

**MRDA Application Review Criteria**

1. The mentor has appropriate experience as a mentor to junior faculty seeking research funding (e.g., past record of numerous successful mentees).

2. The mentor is suitable for this project (topic area, study design/methods, involvement in proposal) and this mentee.

3. The mentoring plan is appropriate for this project and mentee, the mentor’s role in the plan is clear, and the mentor is devoting enough time to the professional development of the mentee.

4. The IDP puts forth a clear plan with specific goals and action plans, measurable outcomes, and realistic timelines.

5. The research goal(s) within the IDP will effectively contribute to achieving external funding and launching a research program.

6. There is sufficient availability of collaborators, core lab resources, analytical tools, mentoring teams, and other relevant resources to support the nominee.

7. Rate the likelihood that the applicant will be successful in competing for a Pilot Project or external grant.

8. Rate the likelihood of successfully accomplishing the proposed objectives of the MRDA.

**Sample MRDA Grantwriting Topics**

* Finding funding opportunities
* Get started on your pilot grant applications today
* How develop your idea
* Finding the appropriate program and mechanism
* Behind the scenes of the NIH review process
* NIH Scoring
* Resubmissions
* Your writing schedule
* NIH Forms F: Human Subjects and Clinical Trials Information Sectdion
* Writing a K or R type Grant
* Are your NIH Logins Up to Date?
* Specific Aims (NIH) / Objectives (NSF)
* Specific Aims checklist
* Writing the Literature review and Preliminary results
* Writing the Significance section
* Writing the Innovation section
* Writing the Approach section
* Formulating a Strong Research Plan
* Conveying Impact
* Biosketch
* Preparing your Budget
* Facilities documents
* Equipment documents
* Other Support documents updates
* Seven suggestions for grantwirting
* Other components: Human subjects, resource sharing, authentication of key biological resources, etc.
* Creating a compelling, informative title
* Project summary/abstract
* Dos and Don’ts of the lay summary
* Letters of support
* Post-submission materials

**Evaluation Survey Items**

**SECTION 1: Background Information**

Are you currently working at [**ORG]?**

\_\_YES \_\_NO

What is your current job title at [**ORG]**

What is the name of your current organization/place of employment?

What is your job title at your current organization?

**SECTION 2: Award Information**

Our records show that you have received the following award(s) from ACCEL. The next section will ask a few question about your award(s). If the information about your award(s) is incorrect, you will have the chance to note the correction.

MRDA award titled **[GRANT 1\_\_YEAR]**

Please verify that you received the following award MRDA award titled **[GRANT 1\_\_YEAR]**

Yes, I received this award and the above information is correct.

Yes, I received this award but some of the above information is incorrect. The correct information is:

No, I did not receive this award.

Have you ssubmitted/received as a PI any of the following external grants either prior to or since receiving your MRDA award titled **[GRANT 1\_\_YEAR]** (select all that apply)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| BEEFORE my first ACCEL award | | SINCE my first ACCEL award | | |
| Submitted proposal | Received Award | Submitted proposal | Received Award |

NIH R01

NIH R03

NIH R15

NIH R18

NIH R21

NIH R25

NIH K01

NIH K08

NIH K23

NIH P01

NIH P20

NIH U01

NIH T32

NIH COBRE

NSF Career

NSF EPSCOR

AHA grant(s)

AHRQ grant(s)

CDMRP grant(s)

Foundation grant(s)

PCORI grant(s)

VA grant(s)

NIH Other (please specify):

NSF Other (please specify):

Federal Other (please specify):

Other (please specify):

How would you classify your MRDA award titled **[GRANT 1\_\_YEAR]** on the translational science spectrum?  See N[IH Translational Science Definitions](https://ncats.nih.gov/translation/spectrum) for more information.

T0: Basic Research

T1: Preclinical Research (translation to humans) T2: Clinical Research (translation to patients)

T3: Clinical Implementation (translation to practice) T4: Public Health (translation to communities)

How would you classify your MRDA award titled **[GRANT 1\_\_YEAR]** on the

community engagement spectrum?

**Inform** (providing information about your work to members of the non-research community)

**Consult** (informing + soliciting feedback from the non-research community and considering their concerns/ideas)

**Involve** (working directly with the non-research community throughout your project to consistently understand and incorporate as appropriate their concerns/ideas)

**Collaborate** (partnering with the non-research community in all aspects of planning and decision-making)

**Empower** (collaborating + placing final decision-making in the hands of your non- research community partners)

My project does not have a community engagement component.

Other type of community engagement (please specify):

Which of the following does your MRDA award titled

**[GRANT 1\_\_YEAR]** focus on? (select all that apply)

Access to Healthcare Obesity

Big Data Preventative Care

Behavioral and Mental Health Rural/Immigrant Communities

Cancer Social Determinants of Health

Cardiovascular Disease Stroke

Degenerative Diseases, Disability, Rehabilitation

Substance Use and/or Opioid Epidemic

Health Disparities/Equity Violence Prevention

Maternal and Child Health Other (please specify):

Did the research you performed as part of your MRDA award titled

**[GRANT 1\_\_YEAR]** d irectly rresult in any of the following? (check all that apply)

Publications Presentations

External Grant S ubmissions

External Grant A wards -- please specify funding source(s):

Other (please specify):

SINCE receiving your MRDA award titled **[GRANT 1\_\_YEAR]** have you had any of the following, f or research that may be indirectly tied or not tied to your

${e://Field/Grant\_Type} award? (check all that apply)

Publications Presentations

External Grant S ubmissions

External Grant A wards -- please specify funding source(s)

Other (please specify):

Have you continued the research that was funded through your MRDA **YEAR\_\_**award titled **[GRANT 1\_\_YEAR]?**

Yes, I am still conducting r esearch in the same area as my ${e://Field/Grant\_Type} award.

Yes, I am conducting r esearch in an area somewhat related to my

${e://Field/Grant\_Type} award.

No, though I am conducting r esearch in an area unrelated to my

${e://Field/Grant\_Type} award.

No, I am no longer conducting research.

Other (please specify):

Since receiving your MRDA award titled **[GRANT 1\_\_YEAR]** have any of the following occurred? (check all that apply)

I have received a promotion. Please specify the job title(s) you have been promoted to since this award:

I have received an award or recognition. Please specify any major award(s) or recognition(s) you have received since this award:

I have not received a promotion or award since receiving this ACCEL award.

**PD CORE (including MRDA recipients)**

How satisfied were you with the following aspects of the support you received from the **PD Core**?

Extremely satisfied

Somewhat satisfied

Neither satisfied nor dissatisfied

Somewhat dissatisfied

Extremely dissatisfied

Usefulness of Support

Timeliness of Support

Quality of Support

Expertise of Support Staff

# GENERAL FEEDBACK

Please indicate the extent to which you agree with the following statements.

Strongly Somewhat Neither agree Somewhat Strongly

Agree Agree nor disagree disagree disagree

The support I received through ACCEL positively impacted my career.

The funding I received through

ACCEL has advanced my research.

The funding I received through ACCEL has helped me to form new collaborations.

The support I received through ACCEL has improved my research skills.

**Table S1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Directly related  to MRDA | | Indirectly related or unrelated to MRDA | | Total | |
|  | *n* | % | *n* | % | *n* | % |
| Presentations | 28 | 61% | 37 | 80% | 40 | 87% |
| Publications | 21 | 46% | 38 | 83% | 38 | 83% |
| Grant Submissions | 26 | 57% | 24 | 52 % | 31 | 67 % |
| Grant Awards | 21 | 46% | 19 | 41% | 26 | 57% |
| Other research product | 5 | 11% | 1 | 2% | 6 | 13% |
| None | 0 | 0% | 2 | 4% | 0 | 0% |

**Research Products after Receiving MRDA (*N* = 46)**

*Note*. N represents how many unique individuals reported they had at least one of the research

products related to or unrelated to their MRDA on the program evaluation survey.