DePaul/RFUMS Research Alliance

AI in Biomedical Discovery & Healthcare

DePaul-RFUMS AI Grant Review Criteria

1. Significance. Does the AI focused project address an important problem or a critical barrier to progress in a given field? If the aims of the project are achieved, how would this project contribute to this field and how significant/important is this contribution? How will successful completion of the aims change the concepts, methods, technologies, diagnoses, treatments, services, or preventative interventions that drive this field?

2. Investigator(s): *Does the investigative team have the collective experience to lead the project, do the work and interpret the results?* Are the PI’s vested with enough time commitment/effort? Do the investigators have complementary and integrated expertise? Is there a clear delineation of responsibilities for project completion?

3. Innovation: *Does the application challenge or seek to shift current research or clinical practice paradigms?* Are there new directions and/or unique approaches? Are novel concepts/approaches/methods/instrumentation/interventions employed?

4. Approach. *Are the strategy, methodology, and analyses well-reasoned and appropriate to accomplish the aims?* Are potential problems, alternative strategies, and benchmarks for success presented? Is there a realistic timeline for completion? Does the approach address weaknesses in the rigor of the prior research that supports this project? Does the application appropriately account for sex and relevant biological variables? If the project involves animal or clinical research, are the plans for protection of animals or human subjects from research risks, justified in terms of the scientific goals and research strategy proposed?

5. Environment. Are the resources, facilities and equipment appropriate for the needs of the proposed project? 

6. Future Fundability. *Does the project, if successful, have potential for significant extramural funding in the future?* In the future, can there be inclusion of more DePaul or RFU partners?

7. DePaul/RFUMS goals of Pilot program. *Is the precise plan to obtain extramural funding clearly delineated and feasible?* Are the timeline, benchmarks, and recent RFAs or PAs that exist in this area of research included and reasonable? How does the proposed project compare with current and previous research efforts? Are the specific roles described for each multi-PI in the proposed project?
OVERALL SCORE

1 (best) to 9 (worst) [see verbal descriptors in the Point Score Chart]

RELEVANT REVIEW CRITERIA

Reviewers must place written comments in each of the following categories, but individual scores are not required.

1. Significance
   Strengths •
   Weaknesses •

2. Investigators
   Strengths •
   Weaknesses •

3. Innovation
   Strengths •
   Weaknesses •

4. Approach
   Strengths •
   Weaknesses •

5. Environment
   Strengths •
   Weaknesses •

6. Future Fundability
   Strengths •
   Weaknesses •
7. DePaul/RFUMS goals

| Strengths • |
| Weaknesses • |