

MGH IHP Grant Development Plan (GDP)

Name: _____
Department: _____
Rank: _____
Review Date: _____
Hire Date: _____

Purpose: The purpose of this grant development plan (GDP) is to help faculty identify the stage appropriate grant mechanisms, and to develop a strategic, bench-mark based plan for achieving research goals.

Objectives

- Identify grant opportunities that are career stage appropriate
- Identify challenges and develop plan to address those challenges including specific activities that will enhance the skills needed to succeed in research
- Help you prioritize resources and time spent on activities that are most important
- Provide a framework for evaluating your progress

1. Schedule your mentor meetings (3x a year) and annual update meeting with the Research Operations Committee (ROC); your mentor is not required to attend

Year in Program	Mentor meetings (date)	Annual ROC meeting (date)
Year 1	1. _____	
	2. _____	
	3. _____	
		1.
Year 2	4. _____	
	5. _____	
	6. _____	
		2.
Year 3	7. _____	
	8. _____	
	9. _____	
		3.

2. Evaluate your research skill competencies (Range: 1-4; 1= need improvement, 4 = highly proficient)

Skill	Level
Designing research projects	
Articulating research questions	
Finding funding sources	
Writing grants	
Collecting data	
Giving oral presentations	
Statistical design	
Writing manuscripts	

3. Identify your grant career stage

Identifying realistic grant targets will depend on your prior grant history, your publication record, supporting pilot data, and the availability of necessary collaborators. What grant readiness stage are you?

1. I should focus on strengthening publication record, obtain pilot data, and a IHP research fellowship award
2. I am ready to apply for small foundation grant
3. I am ready to apply for small or training grant (early-stage R21, R15, or K award)
4. I am ready to apply for an ESI (early stage investigator) large grant award (R01)
5. I am ready to apply for small (R21) or large grant award (R01)

4. Identify appropriate grant mechanisms to target

a. Below are some helpful resources

- <http://facultydevelopment.massgeneral.org/orcd/faculty-research-funding.html>
- Faculty can meet with a MGH Division of Clinical Research consultant
 - <http://www.massgeneral.org/DCR/ToolsResources/GettingStarted/ExploreFundingOpps.aspx>
- Pivot tool through the Harvard Catalyst
 - <https://vpr.harvard.edu/pages/pivot>

5. Grant stage 1 activities

- Formulate plan to obtain pilot data and publish. It may be most efficient, to focus your efforts on one project

6. Grant stage 2-5 activities

- Identify at least 3 stage-appropriate grant mechanisms (e.g., Parkinson’s foundation, NIH R01) for one or multiple projects. If possible, it is highly advantageous to submit a project to multiple agencies.

- **List 3 potential funding agencies and due dates for each project**

Project 1		Project 2	
Agency/Grant	Due Date	Agency/Grant	Due Date
NIH/R21 Investigator initiated		R01 special call	
Parkinson’s foundation/Investigator initiated		ALS foundation	
Other foundation		Dept. of Defense	

7. Evaluate your readiness to submit grants for each project

Grant submission readiness	I have nothing	I have something but needs work	Good to go!
Available resources			
Supporting pilot data			
Supporting publications			
Collaborative team (statistician, referring physician, etc..) in place with supportive letters			
Specific Aims drafted			
Grant reviewed by IHP grant review group			
Reliability and statistical power analysis			

8. Time-line for short-term goals

1. Obtaining additional resources required or skill development not included in above
 - a. _____ Due date: _____
 - b. _____ Due date: _____
 - c. _____ Due date: _____
2. Obtaining supporting pilot data
 - a. _____ Due date: _____
 - b. _____ Due date: _____
3. Obtaining supporting publications
 - a. _____ Due date: _____
 - b. _____ Due date: _____
 - c. _____ Due date: _____
4. Identify supporting collaborators
 - a. _____ Due date: _____
 - b. _____ Due date: _____
 - c. _____ Due date: _____
5. Drafting of Specific Aims
 - a. Draft 1: _____ Due date: _____
 - b. Draft 2: _____ Due date: _____
 - c. Draft 3: _____ Due date: _____
6. Draft Body of Grant
 - a. Draft 1: _____ Due date: _____
 - b. Draft 2: _____ Due date: _____
 - c. Draft 3: _____ Due date: _____
7. Reliability and power analysis
 - a. Draft 1: _____ Due date: _____
 - b. Draft 2: _____ Due date: _____
 - c. Draft 3: _____ Due date: _____

9. Identify challenges to achieving your short-term goals

1. Obtaining additional resources required or skill development
2. Obtaining supporting pilot data
3. Obtaining supporting publications
4. Identify supporting collaborators
5. Drafting of Specific Aims
6. Draft Body of Grant
7. Reliability and power analysis

Notes: