



WPI

Transformative Research and Innovation, Accelerating Discovery

- internal seed grant program -

Goals

- Why?
 - To stimulate and support innovative research
 - To develop long-term interdisciplinary research collaborations
 - To lead to external grant proposals; increase in funding; inventions and patents; publications and visibility

- Models



University of Michigan—Mcubed

Texas A&M University—T3

University of Virginia—3 Cavaliers

UMich accomplishments from 2 rounds:

Over \$120M in externally-funded grants

Over 320 publications

50+ scholarly/artistic products

20+ invention disclosure reports/patents

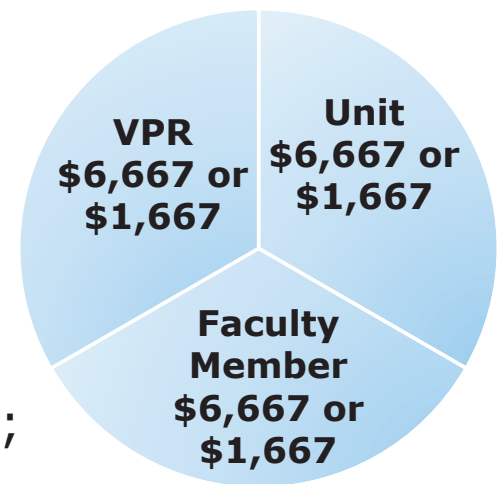
Hundreds of presentations

TRIADs

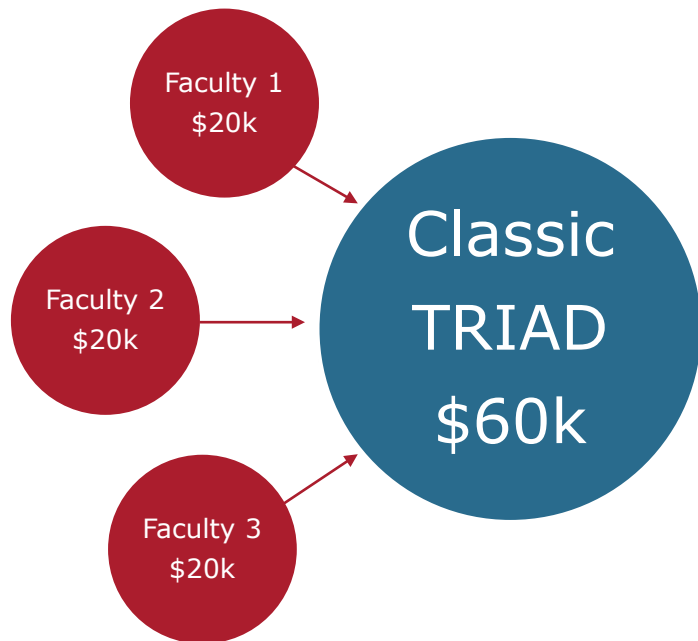
- Three faculty collaborating—the TRIAD
 - Faculty from at least two units
 - Not currently working on a project together
- Funds **new** research
- No traditional peer review!

RULES

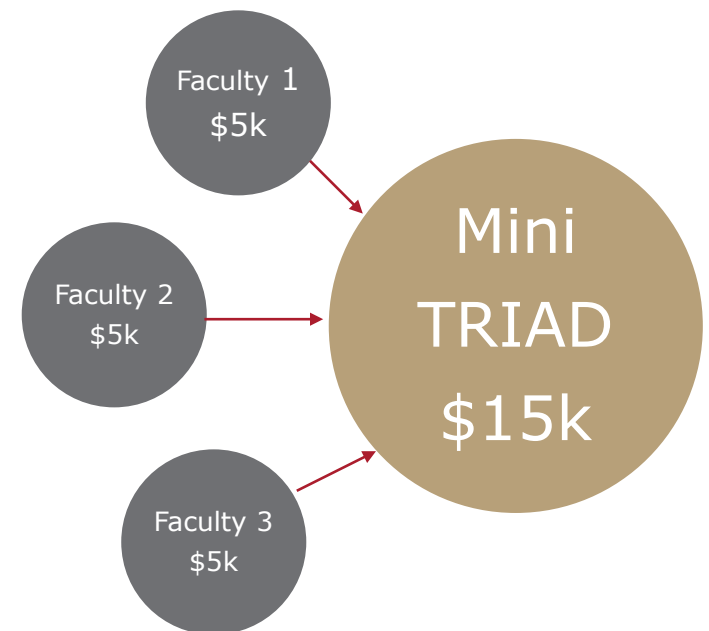
- Funding: shared 1/3 VPR, 1/3 unit, 1/3 faculty
- Spending: at least 50% on students or post-docs;
no faculty salary
- Deliverables: report, participation in symposium, grant proposal



Funding per project



- Team decides on size at time of submission
- Department Heads and Deans decide on number of faculty they want to fund
- Project owners indicate whether the proposed project competes as part of the grass-roots and/or the strategic competition
- 4th member without funding can join team



How do I create a project?

Add group / Add Seed Project

Add Seed Project

Title*

Description

Proposed Project Description

Project Status

- None -

Proposed Cubed Funded Withdrawn

Cube Size

- None -

Project Poster Image

Choose File No file chosen

Upload requirements

Show row weights

Keywords

+

Add another item

How do I find projects to join?

Seed Grant Opportunities

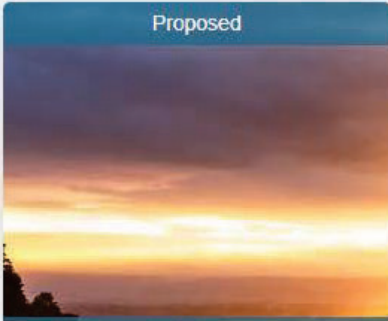
Displaying 1 - 2 of 2

Cube Size ☐ Classic (\$60k) (2)

Operator Contains any of these words Search

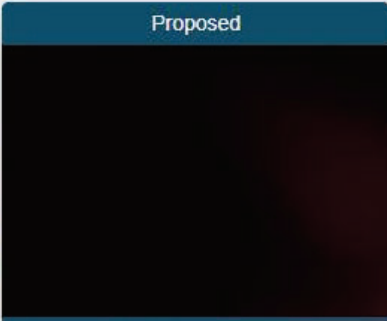
Items per page 9 Search

Proposed



A Test Project Proposal

Proposed



Exploring Black Holes

How do I add comments or indicate interest?

A Test Project Proposal

Proposed



I'm Interested in Joining

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Posted By

wpiadmin

Collaborators

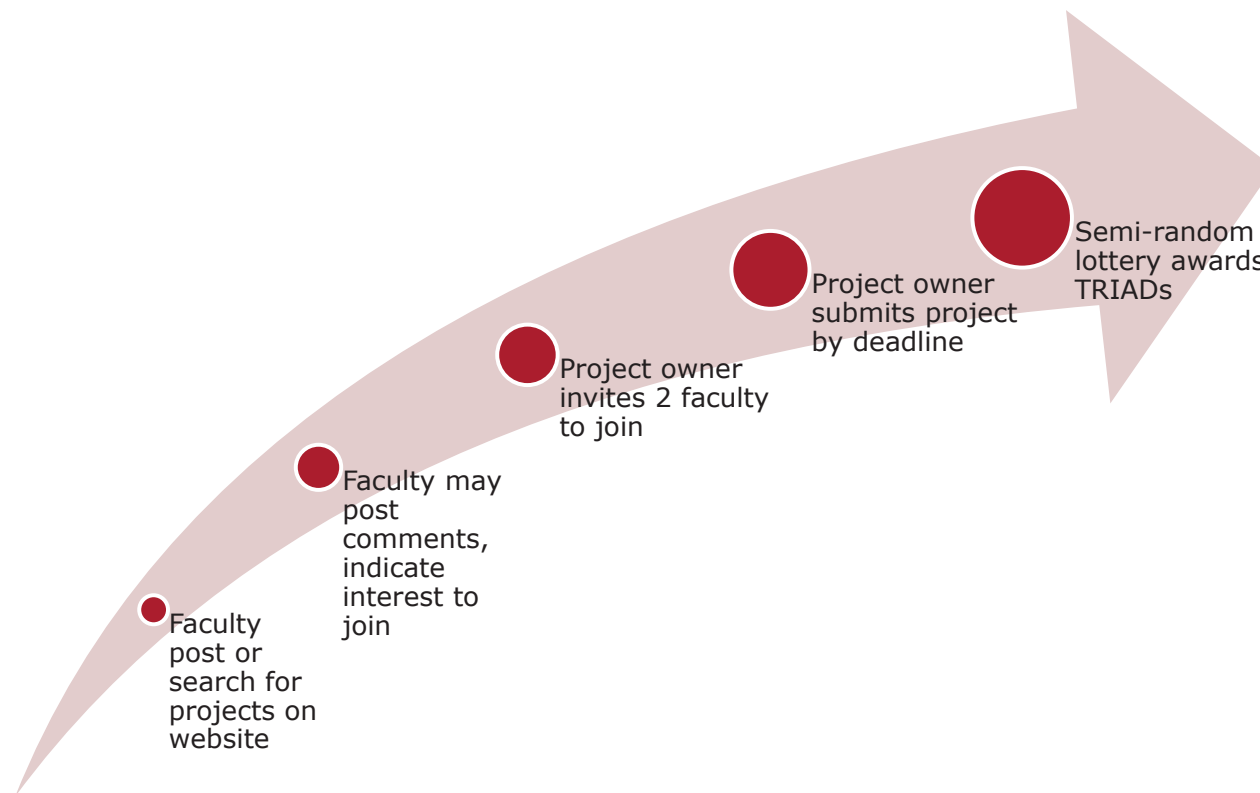
Bob B

Comment On Project

Add new comment

Subject

Process



How are projects selected for funding?

- No peer review
- Semi-random selection process
 - Step 1. list of submitted projects is sorted into a random list.
 - Step 2. The first project on the list is funded.
 - Step 3. If the next project (a) contains faculty from a unit that is not represented in the funded projects thus far and (b) the units of all the faculty in the TRIAD still have funding remaining, the project is funded; otherwise, the project is skipped.
 - Step 4. Repeat step 3 until all the submissions have been examined.
 - Step 5. Start at the top of the list of unfunded projects and fund the projects in order—if the units of all the faculty members in the TRIAD still have funding available.
 - Step 6. Continue down the list, funding the projects until all projects are funded or all funds have been committed.

Timeline

September 1: website opens for posting proposals



October 15: deadline for final formation of TRIADs



November 1: announcement of awards



December 1: Start date; account will be set up in project owner's department



Nov. 30, 2020: End date; 6 months extension may be requested