Call for Seed Grant Proposals for Realizing the Digital Enterprise
Funding period up to June 30, 2018

The *Realizing the Digital Enterprise* research area is soliciting seed grant proposals for funding to be spent from March 2018 through June 30, 2018. The purpose of this seed grant funding opportunity is to provide support for research projects to grow collaborations that leverage the cross-cutting power of computing broadly into traditionally physical activities to make them more efficient and intelligent. We hope that this support ultimately leads to the submission of proposals for external funding and fosters the development of this Polytechnic research community.

To be considered, proposals must include the following sections, with an overall limit of three (3) pages.

1. Problem Statement
2. Relevance of the problem to the *Realizing the Digital Enterprise* impact area
3. Proposed Approach
4. Expected Outcomes
5. A brief description of at least two external funding opportunities relevant to the effort described in this proposal for future submission of proposals.
6. Budget and timeline – funding period will be up to June 30, 2018.

Guidelines

- Each proposal must include one member from the *Realizing the Digital Enterprise* community.
- All awarded funding must be expended by June 30, 2018.
- The PI and Co-PIs need to be from at least two different departments within Purdue Polytechnic. Co-PIs may be from another Purdue college, but the funding can only be used for expenses (i.e. salaries, RA, and equipment) within the Polytechnic.
- Any faculty who have received internal funding in the past three years from or through the Purdue Polytechnic Institute for seed grands, post-docs, PRF fellowships, or PRF summer research grants will not be allowed to serve as the project PI. *They may, however, serve as a Co-PI* and co-mentor students and the project PI (if appropriate).
- Projects funded by this program may be eligible for limited supplemental funds post-award if they seek to address goal of extracting new knowledge from data, aligning with the Purdue Data Science initiative. To be considered for these supplemental funds, proposals can demonstrate their alignment with the Data Science initiative in their Proposed Approach.

Review Process

Proposals will be reviewed by a panel of faculty in the *Realizing the Digital Enterprise* community using the Adaptive Comparative Judgement process. This review will be based on 1) the relevance of the stated problem to the *Realizing the Digital Enterprise* impact area; 2) the potential impact of the proposed approach on solving the problem; and 3) degree of collaboration needed to solve the problem.

The panel and RDE leader Hacker will submit recommendations for funding to the Polytechnic Associate Dean for Research, who will make the final decision on awards and the final level of funding (which may

be less than the requested amount) for each award. We expect to fund projects at the level of $3,000 to $5,000 per award, up to a total of approximately $24,000 depending on the availability of funds.

Timeline

To encourage the development of new collaborations, the *Realizing the Digital Enterprise* community will hold a writing and ideation workshop in mid-February 2018.

Proposals must be submitted as a Word or PDF attachment to an email with the subject line "RDE Seed Grant Proposal Spring 2018" to Felicia Anderson at fanderso@purdue.edu by 4pm EST on March 2, 2018. The panel of judges will review these submissions by March 8, 2018 and plan to notify all PIs by close of business on March 9, 2018.