

EA Research Projects and Voting Process

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Research Themes

- First outline of specific research topics produced during the research meeting held at Penn State University in Fall 2009.
- Contains a skeleton that will be continually refined and adjusted by the Research Group (you).

Handout: Research Themes Document, Fall 2009

Research Outcomes

- Pragmatic outcomes such as white papers, tools and guidelines useful to partners,
- Research outcomes such as journal and conference papers that are peer-reviewed,
- Visible outcomes such as presentations and panels in industry and research conferences.

Research Projects

- Expectations from each research project
 - Produce outcomes that are
 - relevant to the practice of EA
 - following well-accepted research methods
 - Subject the outcomes to
 - the rigors of EA practice
 - scrutiny in relevant academia disciplines

An Example

- Managing informal knowledge in an EA project
- Produce outcomes, for example:
 - Relevant to EA practice: best practices in context
 - Following accepted methods: comparative cases
- Subject the outcomes to, for example:
 - Rigors of practice: share results with members
 - Scrutiny in academia: present and publish

Handout: An Example Research Project

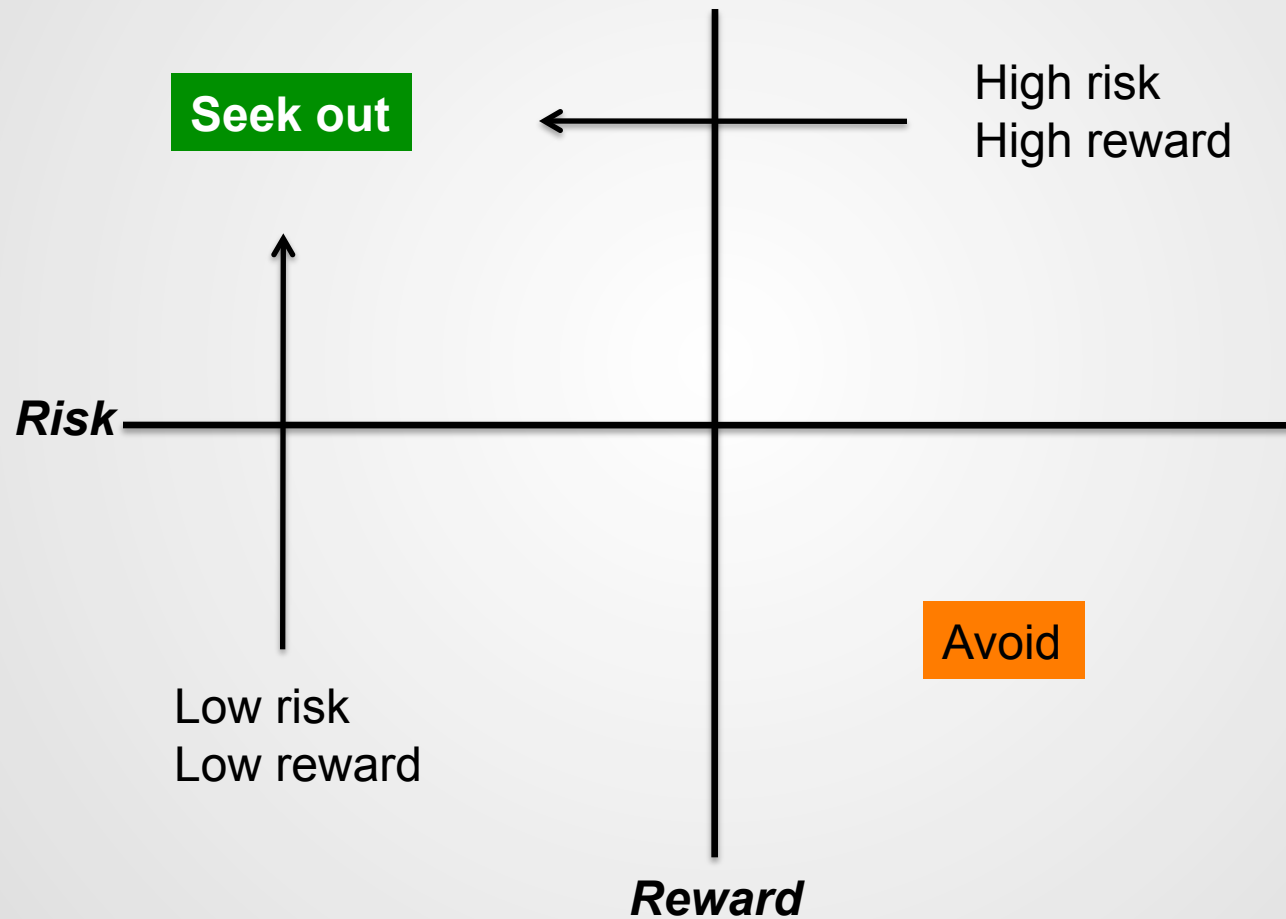
Normal Research Projects

- Duration: one year,
 - Support for:
 - Student work
 - Faculty time,
 - Travel and other incidental research expenses
- Does not preclude smaller or larger projects.
 - A project may be split with a checkpoint to assess progress and decide on continuation.

A Portfolio Approach

- The Research Projects Portfolio should contain
 - the potential for impact on industry practice, and
 - deeper insights and significant contribution to knowledge over time.

A Portfolio of Projects



Expectations Today

- “Significant discussion” about the feasibility and appropriateness of each project
- “Considering” each project as part of a portfolio of projects
- “Voting” to indicate desirableness of pursuing the ideas contained in each project
- Providing clear indications of “working with faculty researchers” on projects

Voting Principles

- One vote for full research membership
 - Individuals attending to provide votes (preferably) today
 - Individuals dialing-in to provide votes via email (preferable quickly)
 - Individuals unable to dial-in to provide votes via email or snail-mail by deadline

Criteria

- Appropriate for themes and priorities of this group
- Potential to produce results for immediate benefit
- Potential to produce results with longer-term impact in EA
- Selection of appropriate technique/approach/method
- Feasibility based on need for/access to organizational data
- Potential for high-quality impact in academic discipline

Additional Criteria

- New criterion if the group decides to add
- _____
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- _____

Presentations

- S. Clark, PSU - Enterprise Transparency: A Modular Approach to Support Decision Making in Complex Organizations (Champion: Peter Greis, Ernst & Young)
- C. Woo, UBC, Canada - Conceptual Modeling for Evolving and Chaotic Business (Champion: Mike Rosen, Cutter)
- R. Ocker, PSU - Improving Collaboration in Distributed EA Teams (Champion: LuAnn Kollaja, CSC)
- M. Rossi, Aalto, Finland - A European Perspective on Business and Enterprise (Champion: Ulrich Kalex, Alfabet)
- B. Cameron, PSU - Value Measurement for Enterprise Architecture (Champion: Len Fehskens, Open Group)
- G. Cai, PSU - Overcoming Semantic Barriers in Integration of Heterogeneous Enterprises (Champion: Matt Peters, CAI)