McAllister & Quinn Concept Paper Opportunity

The K-State OVPR announces an opportunity for collaborative project teams to have a prospective project vetted by our consultants McAllister & Quinn. In addition to feedback on the concept paper, teams with promising concepts can receive guidance from M&Q regarding potential funding sources and specific opportunities, if one has not yet been identified. High priority concepts/teams will be selected to work directly with M&Q to prepare a full proposal.

Concept papers will be pre-reviewed by the OVPR. Criteria for selection for submission to M&Q include:

- Multi-investigator projects not already in review at a funding agency
- Alignment with unit, college, and University 2025 research goals
- Lead PI is at K-State (collaborators can be elsewhere)
- Large center-type projects intended to increase K-State visibility
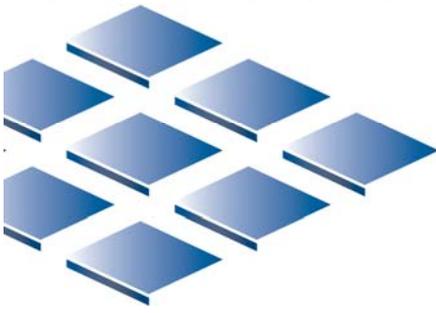
Concept paper template is attached. All concept papers should be routed through ADR of PI's home college.

Sponsor: K-State

Internal Deadline: 12/15/2017

Deadline: (Full Proposal) N/A

CONCEPT PAPER

For consideration to receive grant writing support for federal funding proposals

Please type directly on this form – the blank writing space will expand as you write.

Project Title:
Principal Investigator: Please include CVs/biosketches that include publications and pending, active, and past grant funding
Co-Investigator(s): If any. Please include CVs/biosketches that include publications and pending, active, and past grant funding
Background: Please provide information overview (paragraph) that gives context to the proposed project. Please clarify if this a new proposal or a resubmission of an application. Is this a university only project? Is this a consortium project concept? If appropriate, please specify TRL/MRL starting point and end point goals for the project.
Objective: Please explain the key goal(s) of the proposed project and specify, where appropriate what the deliverable is (e.g., a prototype material, tool, study, sub component part, software application etc.). Why is the project justified? What is the end benefit?
Brief Summary: In a few sentences of each please describe the 1) Challenge/need 2) Discovery/Research/Development/Commercialization process (what one(s) fit your project) 3)If a consortium, who are the members and the role for each participant in the vertical supply chain, research, development or commercialization scale-up 4) If applied research, commercial market target/impact 5) If applied research, the goal of technology development/commercialization and the location of this work in the vertical supply chain and what it enables in a vertical supply chain to commercialize 6) Where applicable, the end deliverable: a prototype, manufacturing process, software application, a component in an enabling product, tool, etc. 7) If basic research, your end goal.
1) 2) 3) 4) 5) 6)

7)

Method or Project Design (including Specific Aims): Please include a brief overview of your study design and how it will address to *Specific Aims* for the proposed project. If applicable, please include key technology milestones for the discovery of your project.

Preliminary Data: Please include a brief summary of relevant work performed by the PI/co-Investigators/consortium members and/or supporting literature data.

Has data been published, patents? ❏ Yes ❏ No
Has this idea been proposed and/or published in a previous paper? ❏ Yes ❏ No

Figures:

References:

Budget and Estimated Timeline: Please provide an <u>estimated</u> project *duration* and *total budget*. The budget and timeline information can be provided as an approximate range. This information will help delineate the funding opportunities that are available for the proposed project. Please also list any other support (secured or pending) for this project. If applicable, can we expect non-government funds as a match for this project, cash and or in-kind?

Is this project currently receiving funding? ❏ Yes ❏ No If yes, please explain:
Are there any funding opportunities that have been previously applied to for this work? ❏ Yes ❏ No If yes, please explain:
Please list any funding opportunities you feel would be a good fir for this project (if known):

Major Unresolved Issues (for follow up): Please note (*if applicable*) any key areas such as budget, ongoing research or collaborations/consortiums that need to be developed/resolved/completed before final grant submission.

Potential pitfalls and weaknesses: If known, please list any other competing U.S. based university programs that we will compete with and if they are ahead of us in collaboration/consortium, TRL/MRL areas.

Overlapping Projects/Reviewer Conflicts: If known are any university faculty or outside partners conflicted with staff serving on federal advisory boards or on-leave/sabbatical working for a federal government agency?

Is there a project proposal in draft? If so, approximately what percentage is completed?
❏ Less than 25%   ❏ 25% - 50%   ❏ 50% - 75%   ❏ 75% or more