



Maine EPSCoR FY14-19 NSF EPSCoR RII Track 1
Proposal Development Process



Phase I – Research Concept Papers

To prepare for the next round of NSF EPSCoR RII Track 1 funding, Maine EPSCoR is conducting a formal proposal development process.

For Phase I, researchers from Maine’s colleges and universities are invited to submit a concept paper that describes a current research problem/need for the state that might be applicable for the next Maine NSF EPSCoR RII Track 1 project research focus.

Note that the Track 1 is required to address a comprehensive, integrated, trans-disciplinary statewide focus that creates a substantial academic research infrastructure & involves participants from colleges & universities throughout the state. It is not designed for individual, single institution, or small group faculty research.

INSTRUCTIONS:

Please fill in the template below, using NSF font size requirements. The allowable maximum is two pages. If you require additional space, you may ONLY delete unused lines in the Senior Personnel section, or blank lines in sections - please do not delete any other lines or instructions.

Sections:

- 1) Indicate the general focus area of the research that you are proposing (i.e. aquaculture, alternative energy, etc.).
- 2) Indicate the contact person for this concept.
- 3) Indicate potential key personnel who could be part of the effort to address this research concept.
- 4) NSF utilizes two Merit Review Criteria for research proposals. Intellectual Merit is the first. Please provide a brief description in each of the sections, relating it to the research focus that you have identified as a current problem/need for Maine.
- 5) Broader Impacts – please provide a brief description in each of the sections.

Due by:	November 13, 2012
Submit to:	maineepscor@umit.maine.edu (as pdf or Word doc)

By submitting this concept paper, Maine researchers are giving permission to post this document on the Maine EPSCoR website in order to encourage statewide discussions and potential collaborative engagement prior to the next phase of the RII Track 1 project development process.

Senior personnel from each submitted concept are encouraged to look over other submitted concepts for potential synergy, and to contact others as applicable.

For more information see: www.umaine.edu/epscor/RII_development.htm



**Maine EPSCoR FY14-19 NSF EPSCoR RII Track 1
Proposal Development Process Phase I – Research Concept Papers**



1) Proposed Research Focus:					
2) Primary Contact Person:					
Name:	Institution:	Title:	Dept.	E-mail:	Phone:
3) Suggested/Potential Key Senior Personnel:					
Name:	Institution:	Title:	Dept.	E-mail:	Phone:
4) Intellectual Merit: (the research focus)					
<p>A. <i>Need:</i> a brief statement of the research problem/need to be addressed, and why it is urgent for Maine to address this problem/need now (how it is currently limiting the state’s capacity/competitiveness).</p>					
<p>B. <i>Research Goal & Objectives:</i> describe the overall project goal to address this problem/need, and 1-3 potential key research objectives.</p>					
<p>C. <i>Research Actions:</i> describe a few specific key research actions that could be implemented to meet the objectives.</p>					
<p>D. <i>Priority:</i> indicate how this research would address NSF and state priorities in advancing the frontiers of knowledge & understanding (within a field and/or across different fields).</p>					

5) Broader Impacts: (related to the research focus)

E. *Impacts: potential to benefit society and contribute to the achievement of specific, desired societal outcomes.*

F. *Impacts: potential economic development as a result of this research.*

G. *Impacts: potential for statewide workforce development in this research area (faculty, postdocs, graduate & undergraduate students).*

H. *Impacts: potential to provide infrastructure that grows the state's academic research and education capacity (drawing on expertise at UMaine and the state's other institutions of higher education).*