

# **Alternative Approaches to Evaluating STEM Education Partnerships:**

*A Review of Evaluation Methods and Application of  
an Interorganizational Model*

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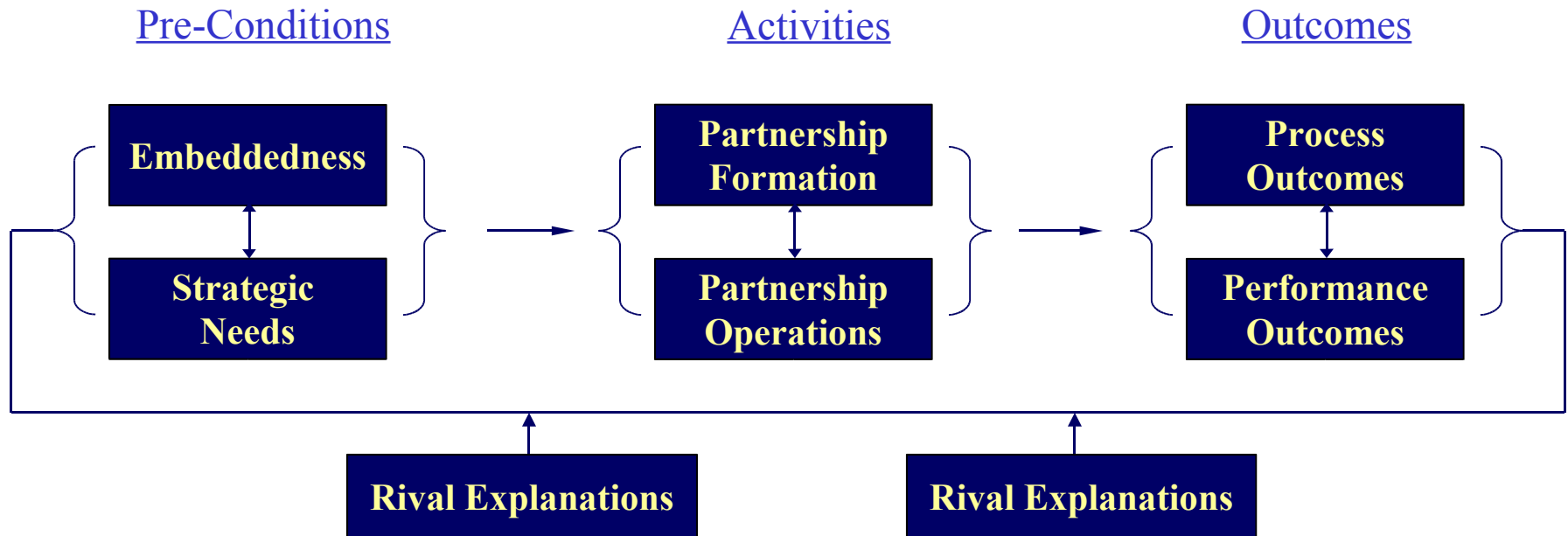
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# Partnership Influences on STEM Educational Outcomes

RQ: How does the emergence, operation, and, in some cases, dissolution of partnerships influence the process by which STEM educational outcomes are pursued and achieved?



# Hypothesis and Methods

H: Partnerships formed on the basis of positive embedded relationships and matched by congruence or complementarity of strategic needs among the partners are likely to develop more harmonious and efficient partnerships that will be more effective in achieving process and performance outcomes.

## Methods:

- Review of partnership research in interorganizational relations literature
- Review of other public agencies evaluation approaches for partnerships
- Online Delphi procedure with 30 STEM evaluators and educators
- Develop IOR conceptual model of STEM partnerships
- Test model in six SI and two MSP case studies