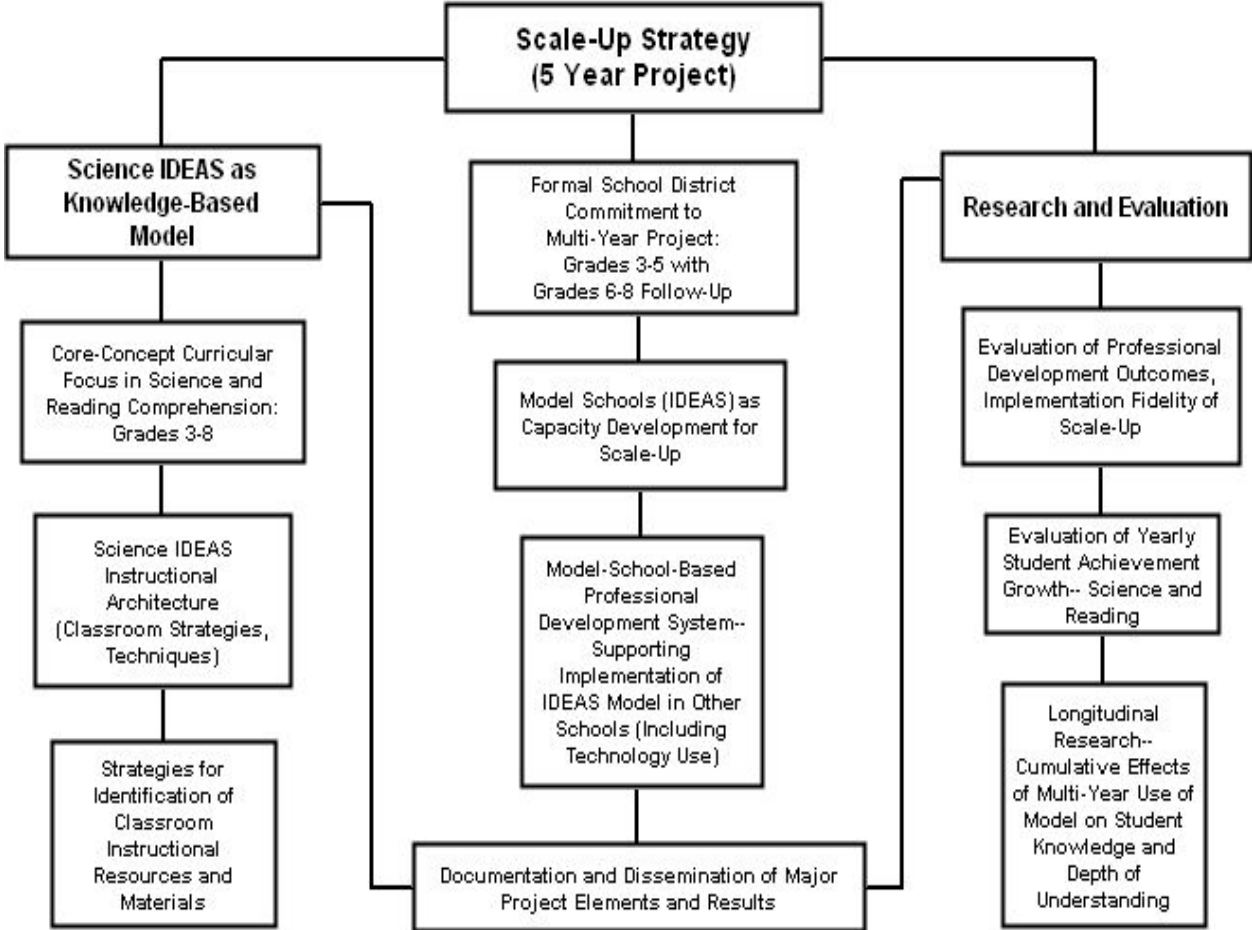
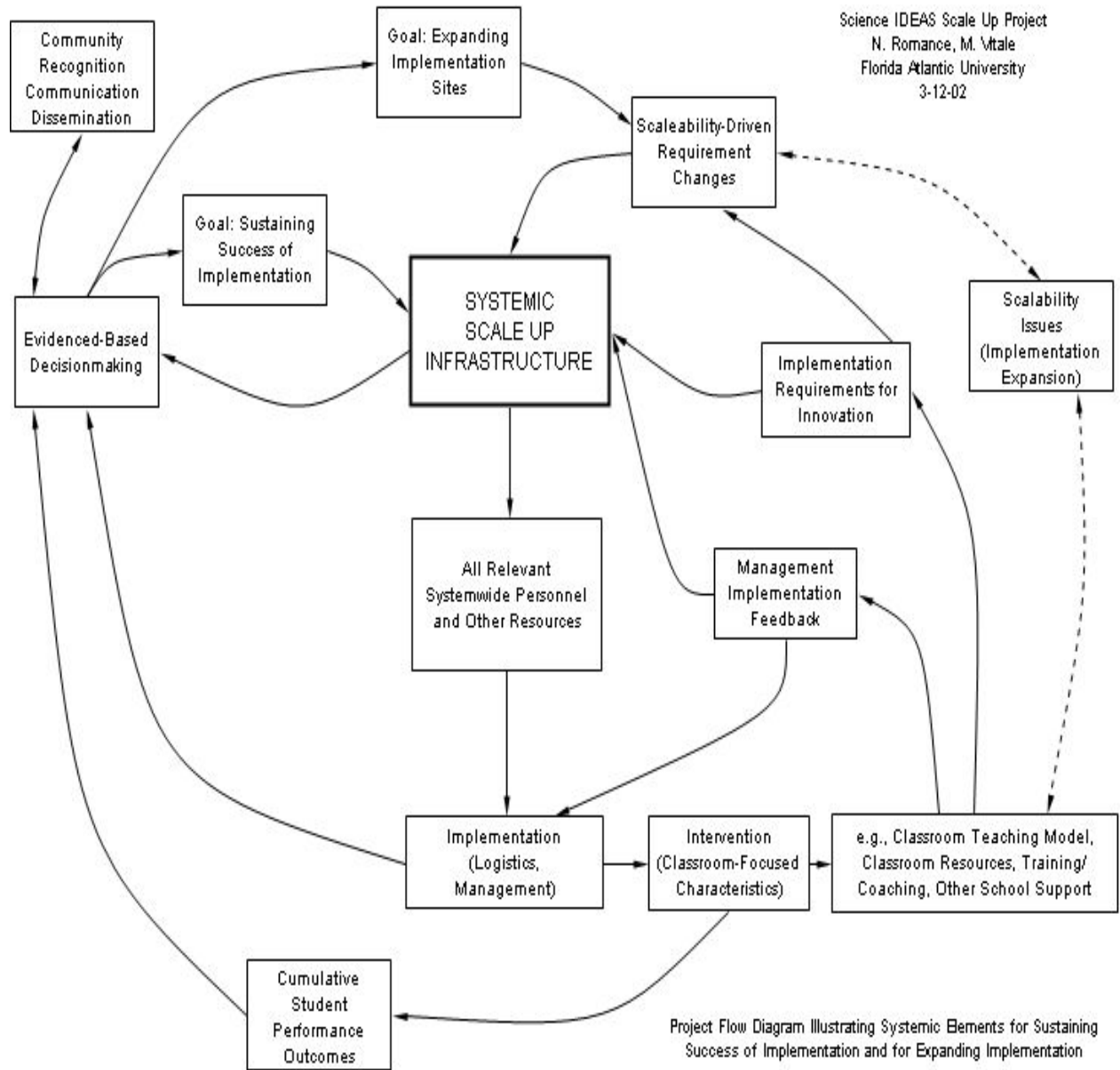


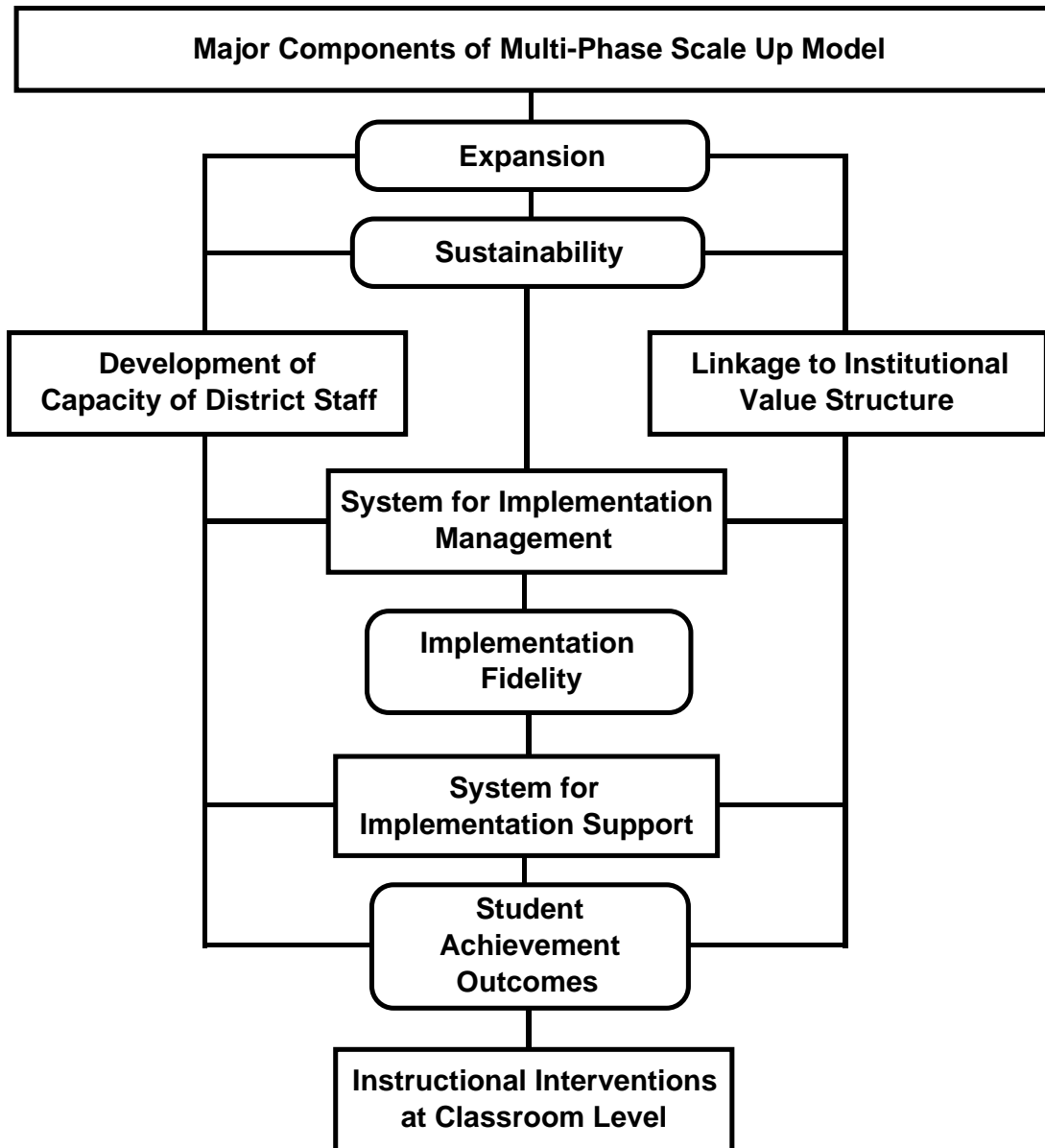
**MAJOR NSF/IERI PROJECT COMPONENTS FOR SCALE-UP OF SCIENCE IDEAS MODEL**



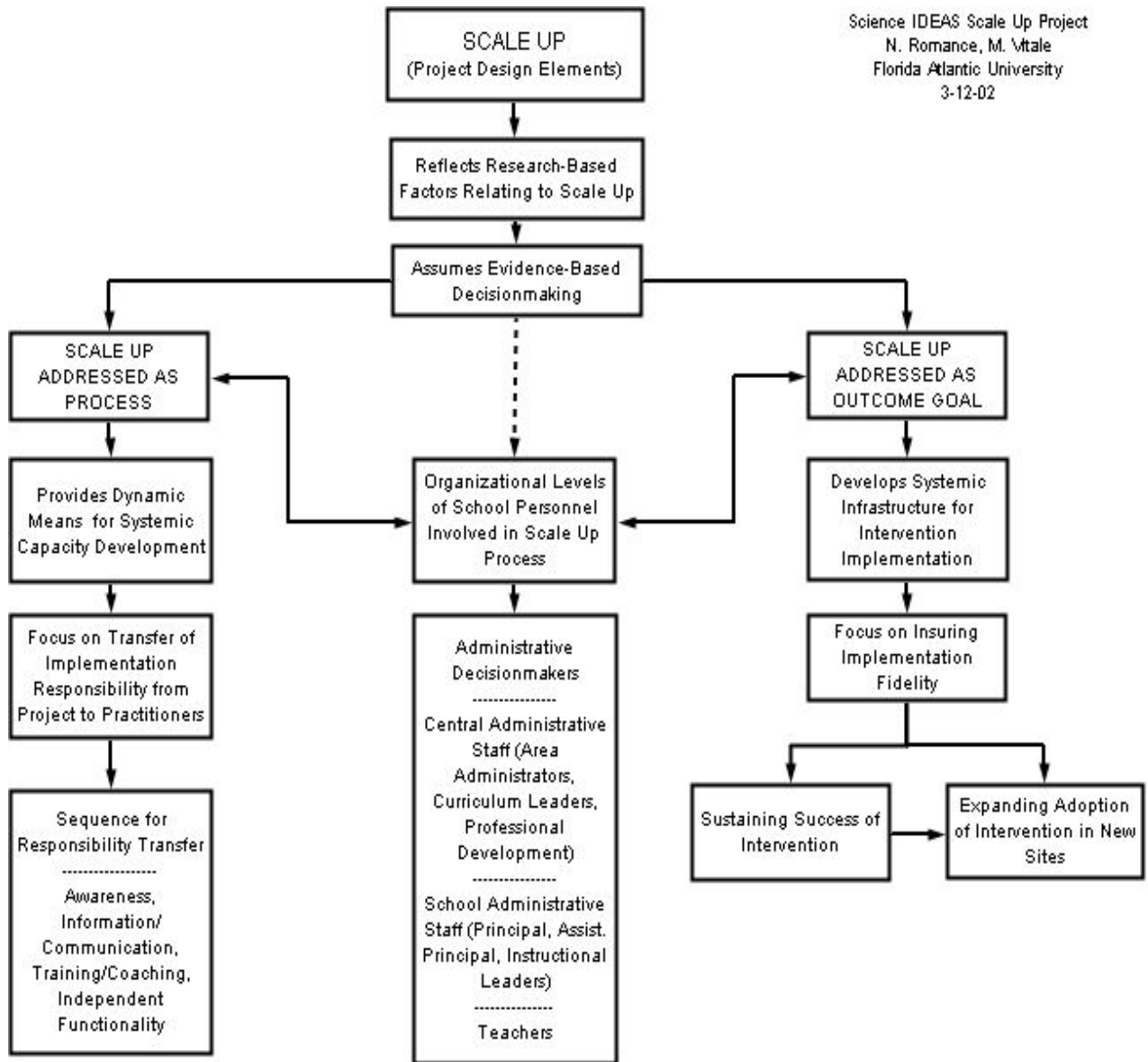
N. Romance, Florida Atlantic University; M. Vitale, East Carolina University; 11-05-01



**Project flow diagram showing relatedness / dynamics of key scale up elements.**



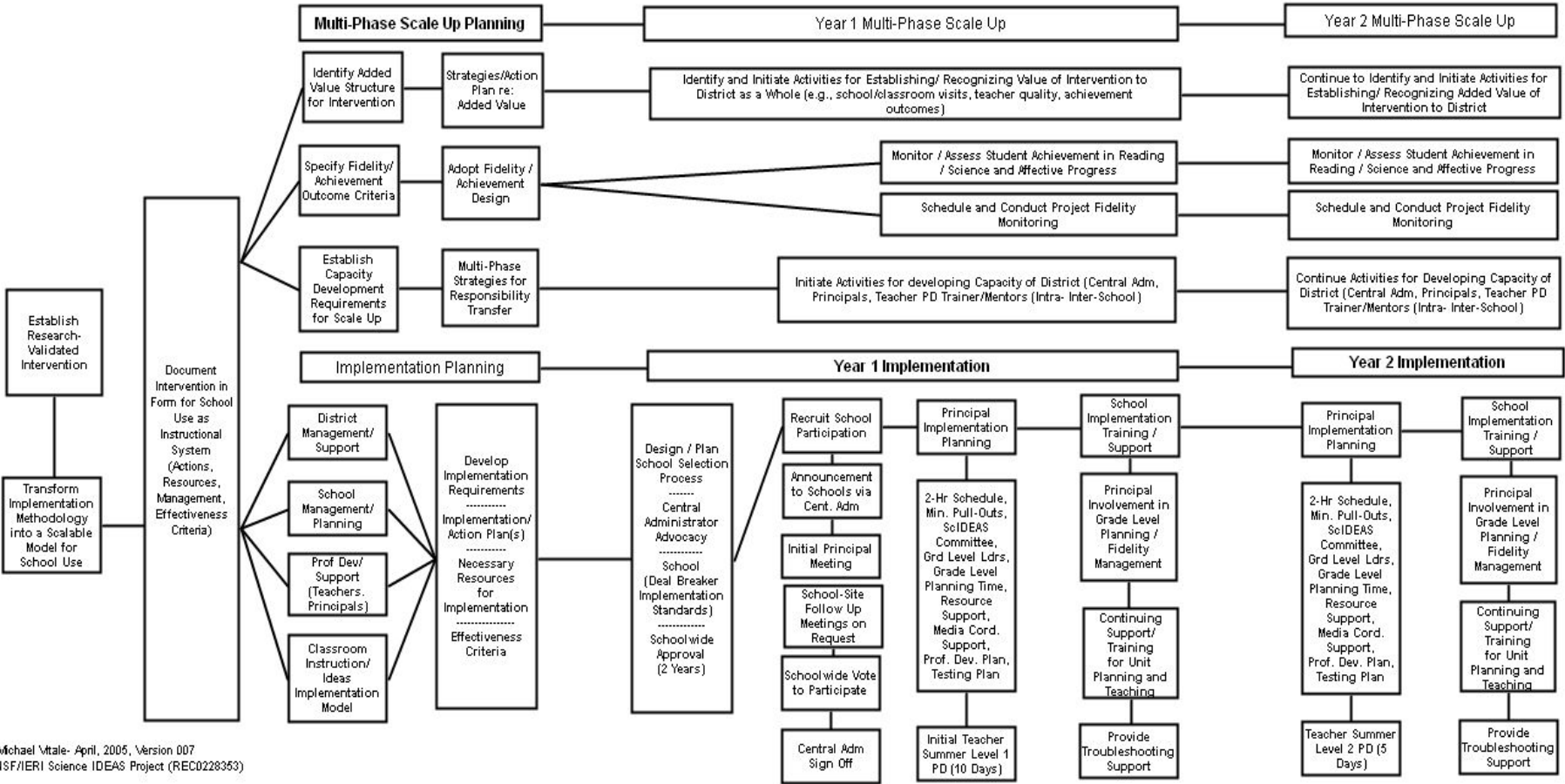
Architecture of multi-phase scale-up model for the current project. Boxes show major components that comprise the scale up model; ovals represent major forms of criteria that reflect the effectiveness of the scale up model.



**Perspective for applying architecture of the multi-phase scale-up model to school district settings.**

**Elements of Science IDEAS Scale Up Model (Grade 3-5: Start-Up for Initial Schools- Years 1 and 2)**

Focus  
**Sustainability / Expansion, Fidelity/Achievement Criteria**  
**Developing Capacity of District to Sustain/Expand**  
**Effectiveness Criteria: Fidelity of Implementation, Achievement Outcomes, Recognized Added Value**



Michael Vitale- April, 2005, Version 007  
 NSF/IERI Science IDEAS Project (REC0228353)

Figure 6. Elements of Science IDEAS Scale Up Model.  
 (Michael Vitale- April, 2005, Version 007 NSF/IERI Science IDEAS Project, REC0228353)