

**The STEM (Science, Technology, Engineering, and Mathematics) Imperative:
What it Means for Kentucky's Universities**

Take Home Questions for Regents and Trustees

1. Has my institution reviewed the STEM Task Force Report (*The STEM Imperative: Competing in the Global Economy*)?
2. Has my institution undertaken any specific initiatives designed to address the STEM crisis in the United States and Kentucky?
3. Has my institution established any mechanism, process, or procedure for implementing the STEM Task Force Report recommendations that are related to higher education? (faculty development and curricular revitalization)
4. Has my institution set any specific goals for increasing the number of students graduating in undergraduate and graduate STEM degrees?
5. Does my institution routinely or annually review its progress toward increasing the number of graduates in STEM programs?
6. Does my institution routinely review the STEM competencies required of teacher education candidates?
7. Does my institution support collaborative interdisciplinary initiatives between STEM academic departments and teacher education programs on my campus?
8. Does my teacher education department (or school) regularly interact with local K-12 schools regarding best practice STEM research?
9. Does my institution provide STEM professional development activities and resources for K-12 teachers and administrators?