BOARD OF REGENTS
SUMMARY OF ITEM FOR ACTION
INFORMATION OR DISCUSSION

TOPIC: Caret Task Force Report

COMMITTEE: Economic Development and Technology Commercialization

DATE OF COMMITTEE MEETING: January 26, 2012

SUMMARY: The Committee will review the recommendations in the 2009 Caret Task Force Report and will discuss an update on STEM workforce production.

ALTERNATIVE(S): This item is for discussion purposes.

FISCAL IMPACT: This item is for discussion purposes.

CHANCELLOR’S RECOMMENDATION: This item is for discussion purposes.

COMMITTEE RECOMMENDATION: DATE:

BOARD ACTION: DATE:

SUBMITTED BY: Joseph F. Vivona (301) 445-2783
Update on STEM Workforce Production

Presentation to the BOR Committee on Economic Development and Technology Commercialization

January 26, 2012
Context

• USM conducted Studies in 2007-2008 on STEM Workforce Production and Demand in Maryland

• Formed the basis for the “Caret Report” findings
  – Demand present for increased STEM production
  – Demand present for increased STEM Teacher production
  – Demand was not uniform and certain critical disciplines had much higher demand

• Informed State STEM report
Update

• STEM Enrollment has risen sharply (up 4,500 in two years)
  – Upper division enrollment has risen by 1,000 per year since 2007

• STEM Degree Production is rising (up more than 450 since 2009)
  – STEM Degrees at highest level ever in USM

• STEM Teacher production largely flat (stable around 100-125 per year)

• Mixed results in specific Critical STEM areas