A decorative graphic consisting of a thin yellow circle on the left side. A thick black left square bracket is positioned to the left of the circle's center. A thick yellow right square bracket is positioned to the right of the circle's center. A horizontal bar with a light olive green gradient spans across the middle of the circle, containing the text.

2006-2008 Modeling and Simulation Appropriations

Appropriations are totals for 2006-2008.



Higher Education Research Initiative (HERI)



Total = \$205,540,687

M&S = \$23,650,000

[Old Dominion University (ODU)]

- \$17 million to ODU to build research capacity in modeling and simulation which shall include efforts to improve traffic management through modeling.
- Reporting requirements in 2007 and 2008...

[ODU – Reporting Requirements]

- How the funds were used and amount leveraged,
- Collaborative efforts in support of private industry,
- Number of junior and senior faculty recruited
- Additional grants or contracts being pursued,
- Level of instructional activity conducted by faculty,
- Impact of research activities on undergraduate instruction,
- The use of graduate student aid funds, and
- Recommendations for future investment.

[ODU (cont.)]

- VMASC is directed to utilize modeling and simulation and visualization research methods to:
 - Study matters related to the optimization of the Commonwealth's modes of public transportation, including rail and bus.
 - Consider issues such as the most economical and efficient methods of expanding the Commonwealth's public transportation systems to areas possessing the highest population density or most severe automotive traffic congestion
 - Examination of the public transit needs in the Route 1 corridor in Fairfax County relating to the base realignment actions impacting Fort Belvoir.

Eastern Virginia Medical School (EVMS)

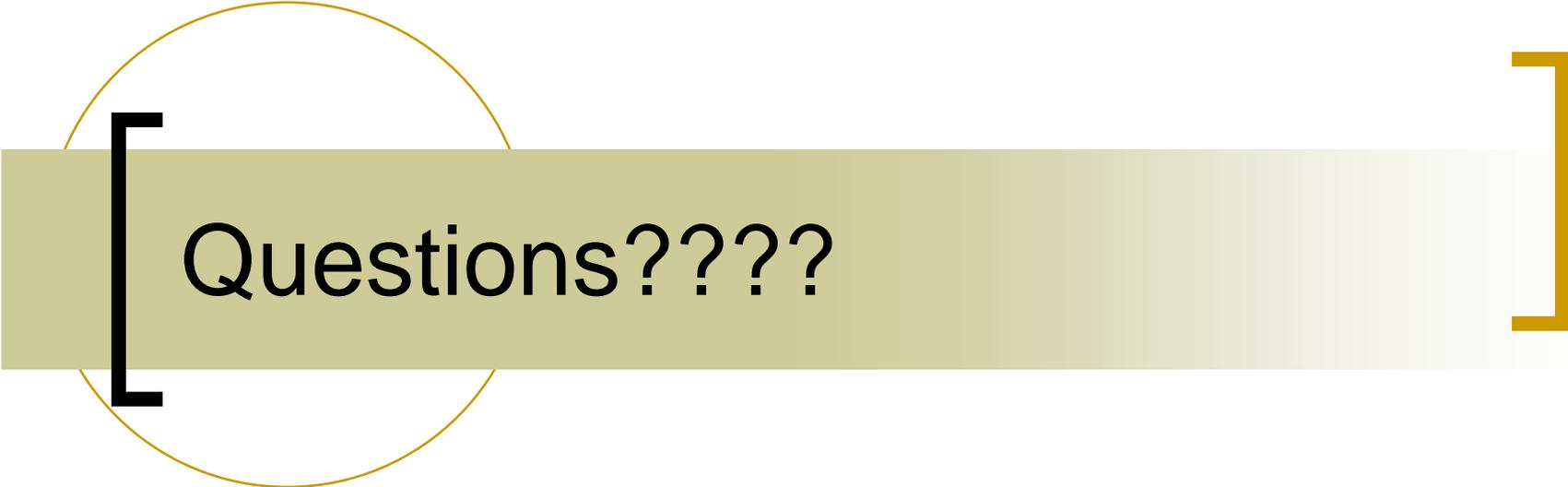
- \$5.4 million to EVMS to build research capacity in medical modeling and simulation.

[Radford University]

- \$3,503,211 to establish two clinical simulation laboratories.

[Other Appropriations]

- \$600,000 to VEDP for the modeling and simulation industry for an Emergency Management Training Simulation.
- \$250,000 to VEDP to market the modeling and simulation industry.
- \$400,000 to VCCS to support modeling and simulation as part of VIMSIM.
- \$10,000,000 for the CTRF to be used for the commercialization of research at universities (must have matching funds).



Questions????

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Proposed Workplan for 2006

Roundtable Discussion...