

Nuclear Energy Education Program

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Mike Corradini, Chair

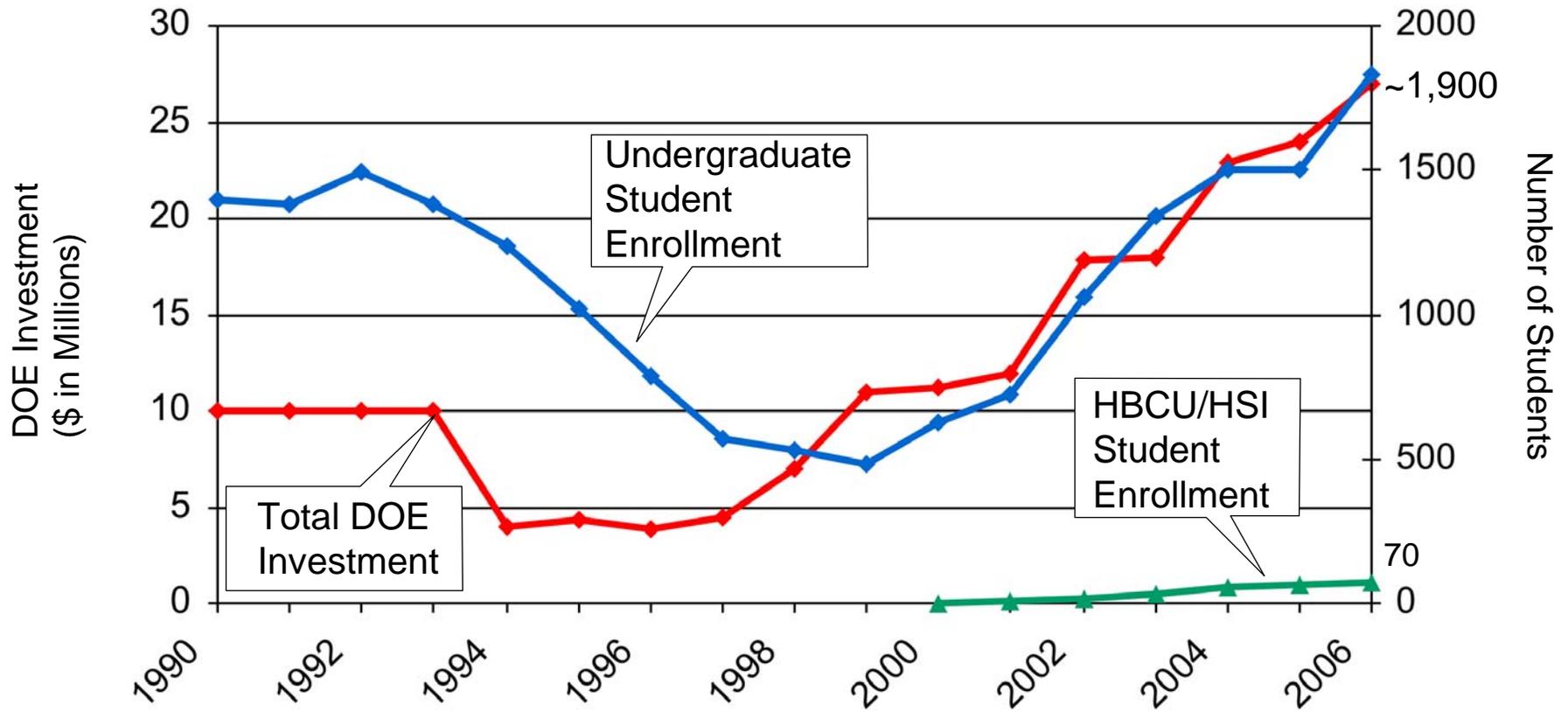
Nuclear Engr. & Engr. Physics

University of Wisconsin - Madison

Nuclear Engr. Education History

- 1999: NERAC concerned with the declining investment in NE education – renewed effort by DOE
- 2006: DOE declared victory and eliminated the education program
- ANS FINE report urged a reversal
- NRC now has the education piece: comprehensive and coordinated

Enrollment and Investment



Nuclear Engr. Education Status

- Current program is well-structured
 - Educational grants to build curricula
 - Scholarships to build workforce
 - Fellowship program (with others)
 - Junior Faculty program for the future
 - Technical college training program
- FY-2009 funding requires a closer collaboration with DOE & NNSA

Nuclear Engr. Education Future

- Continue the current NRC program which is comprehensive
- Support the collaboration with DOE and NNSA to add elements:
 - Education programs for human infrastructure (NRC, DOE, NNSA)
 - Infrastructure support (URR's – DOE)
 - Mission-oriented research (DOE)
 - Investigator Initiated research (DOE)

RECENT NEW NE PROGRAMS

- Colorado State University
 - South Carolina State University
 - University of South Carolina
 - Texas Tech University
 - Univ. of California, Los Angeles
 - Virginia Commonwealth University
- (+ programs under consideration)