


Teachers For A Competitive Tomorrow





Education and Global Economic Competitiveness

- Age of global economic competition.
- Knowledge economy
- Education is the crucial—development of human capital.
- Americans deficient in key areas—math, science, and languages.
- Deficiency greatest among high-need students who are becoming an ever larger proportion of American students.

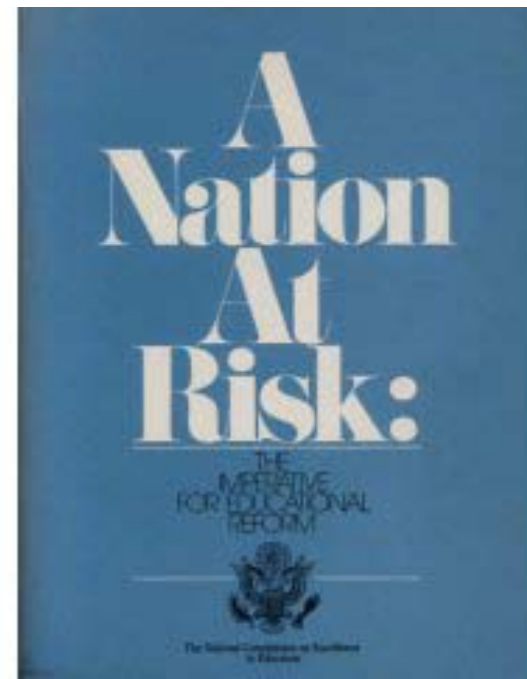


“That political economy, therefore, which busies itself about capital and labor, supply and demand, interests and rents, favorable and unfavorable balances of trade, but leaves out of account the elements of a wide-spread mental development, is naught but stupendous folly.”

*Twelfth Annual Report of
Horace Mann as Secretary of
Massachusetts Board of
Education, 1848*

“The time is long past when American's destiny was assured simply by an abundance of natural resources and inexhaustible human enthusiasm, and by our relative isolation from the malignant problems of older civilizations. The world is indeed one global village. We live among determined, well-educated, and strongly motivated competitors. We compete with them for international standing and markets, not only with products but also with the ideas of our laboratories and neighborhood workshops. America's position in the world may once have been reasonably secure with only a few exceptionally well-trained men and women. It is no longer.”

A Nation at Risk, 1983



RISING ABOVE THE GATHERING STORM

*Energizing and
Employing America
for a Brighter
Economic Future*

NATIONAL ACADEMY OF SCIENCES,
NATIONAL ACADEMY OF ENGINEERING, AND
INSTITUTE OF MEDICINE



America COMPETES Act

- Acronym--America Creating Opportunities to Meaningfully Promote Excellence in Technology, Education, and Science Act.
- Signed into law August 9, 2007
- Title VI—Department of Education
- One component here was the Teachers for a Competitive Tomorrow



TCT Purpose

- Develop programs to produce teachers in STEM fields or Critical Foreign Languages, who will teach in high-need areas.
- Separate programs for Baccalaureate Degree and Master's Degree with somewhat different requirements.



TCT-B—Baccalaureate Degree

- TCT-B grants are designed to enable grantees to develop and implement programs to provide courses of study in STEM fields or critical foreign languages that are integrated with teacher education.
- Graduates will receive baccalaureate degrees in STEM fields or critical foreign languages, concurrent with teacher certification



TCT-M—Master's Degrees

Two Variants

- Two- or three-year part-time programs in STEM fields or critical foreign languages for teachers
- One-year programs for professionals in STEM and foreign language fields that result in master's degree in teaching and teaching certification

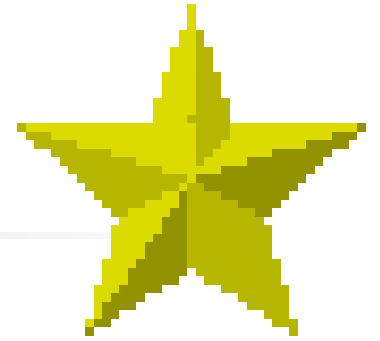


Eligible Recipient

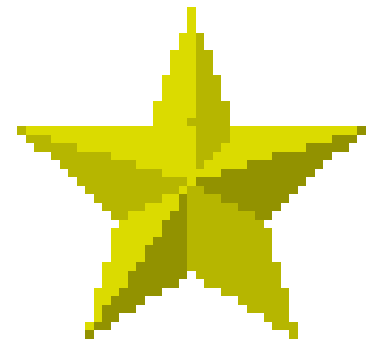
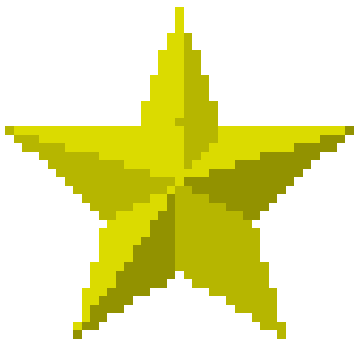
- IHE on behalf of a department of science, technology, engineering, mathematics, or a critical foreign language,
- IHE on behalf of a department or school with a competency-based degree program that includes teacher certification



Partnerships: Three Components



- Content area department.
- Pedagogical component.
- High-need schools.





Activities and Emphases

- Partnership collaboration.
- Emphasis research, laboratory, on internship experiences, clinical activities.
- Assessment of participants—data collection, even beyond end of grant.



Program Meta-Evaluation

- Independent evaluator.
- Includes assessment of impact on student achievement.
- Report for Congress.



TCT Grant Funding for 2008

- Estimated \$900,000 for TCT-B awards.
- Estimated \$900,000 for TCT-M awards.
- Estimated 4 Awards for TCT-B
- Estimated 4 Awards for TCT-M
- Period of grant: Up to 5 Years.
- Estimated Range of Awards: \$200,000 to \$250,000 per year.



Technical Assistance Workshop

- May 14, 2008
- Lyndon Baines Johnson Bldg. (ED Headquarters)
- 400 Maryland Ave., SW,
Washington, DC



TCT Competition

- Application Available—May x
- Submission Deadline—June x
- Field Reading—July 14-28?
- Need for Field Readers—Register at <http://opeweb.ed.gov/frs/>

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