

# Funding Graduate Education

An Investment For The Future



NAGPS Legislative  
Concerns Committee

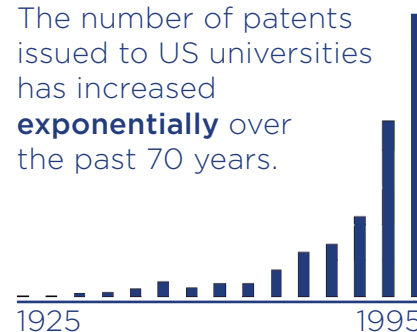
## The Benefits of Science, Technology, Engineering and Math (STEM) Funding Include

- More than half of U.S. economic growth over the past 50 years is an indirect result of federal investments in STEM education
- Approximately 150,000 researchers, technicians, post-docs, and graduate and undergraduate students were funded by National Science Foundation (NSF) grants in 2010
- More than 80,000 patents generated from 2000 to 2009 came from NSF funded research
- Scientific research and development fuels innovation and the American economy, while investments in graduate research and education accelerate this trend

## The Current Status of the Javits Fellowship Program for the Arts, Humanities, and Social Sciences

- In 2011, the Javits program was consolidated into the Graduate Assistance in Areas of National Need program, which does not address the arts and humanities
- Students trained in the humanities and social sciences will be able to help address pressing national issues
- The average time to doctoral degree completion for Javits fellows is shorter than the national average

The number of patents issued to US universities has increased **exponentially** over the past 70 years.



**Support STEM graduate education by providing research funding to the NSF, NIH, national labs and other federal research agencies**

**Support legislation to re-instate the Javits Fellowship and similar humanities, arts, and social science programs**



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## Links and Resources

STEM Education Coalition

<http://www.stemedcoalition.org>

American Institute of Biological Sciences

[http://www.aibs.org/public-policy/resources/BESC\\_2011\\_Leave\\_Behind.pdf](http://www.aibs.org/public-policy/resources/BESC_2011_Leave_Behind.pdf)

National Science Foundation Graduate Education Program

<http://nsf.gov/div/index.jsp?div=DGE>

National Institutes of Health Graduate Partnerships Program

<https://www.training.nih.gov/programs/gpp>

National Humanities Alliance Javits Fellowship Information

<http://www.nhalliance.org/advocacy/funding-priorities/javits/index.shtml>

The Economic Impact of Licensed Commercialized Inventions  
Originating In University Research, 1996-2007. Biotechnology  
Industry Association

<http://www.bio.org>

