

SUPPORT GRADUATE RESEARCH

Investing in Our Economy, Workforce, and Welfare



NAGPS Legislative
Concerns Committee

We urge you to support and co-sponsor legislation that:

- Provides **increased financial support** for University-based research
- Improves the **working conditions** of graduate student researchers, including providing mental, physical, and financial support
- Expands access to **diverse professional development opportunities**

STEM (Science, Technology, Engineering, Math)

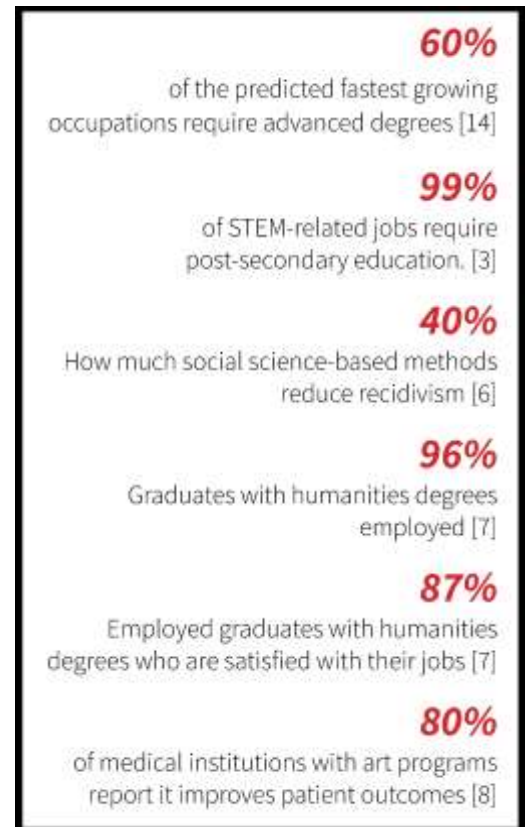
- Universities conduct basic research at lower risk than industry, making it more profitable, and it accelerates industry productivity [1]
- 93% of STEM occupations earned more than the national average in 2015 [3]
- STEM-related jobs grew at nearly twice the rate of non-STEM jobs from 2009-2015 [3]
- 2012 economic projections reported a shortage of STEM professionals necessary to retain U.S. success in science and technology that will rise to 1 million by 2022 [4]
- Most STEM jobs require advanced degrees

Social Sciences

- Social science research seeks to understand human behavior and addresses a wide range of issues, including [5]
 - Improving natural disaster evacuations
 - Effective methods of international negotiation
 - Assessing national security and terroristic threats
 - Tracking sex offenders and protecting children
 - Improving the lives of veterans
 - Understanding disease control
- The State Department, Homeland Security, Defense Department, and Department of Energy all rely on the work of social scientists [5]

Arts and Humanities

- Low-income communities with cultural resources have 18% less serious crime & 14% fewer cases of child neglect and abuse [8]
- Almost half of the nation's medical institutions offer art programs, with 80% improving patient outcomes [8]
- Involvement in the arts increases the likely of at-risk youth attending college by 25% [8]
- Health care specialists who incorporate humanist elements in their practice have positive impacts on patient satisfaction and understanding [9]
- Quality training in ethics improves moral decision making in science [10] accounting [11], nursing [12], and business students [13]



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