

MASSACHUSETTS WORKFORCE DEVELOPMENT SYSTEM

# Mass Workforce Issuance

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**100 DCS 25.150**

☐ Policy

☒ Information

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**To:** Chief Elected Officials  
Workforce Development Board Chairs  
Workforce Development Board Directors  
Title I Administrators  
Career Center Directors  
Title I Fiscal Officers  
DCS Operations Managers

**cc:** WIOA State Partners

**From:** Alice Sweeney, Director  
Department of Career Services

**Date:** June 21, 2017

**Subject:** **Advanced Technological Education – Funding Opportunity**

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**Purpose:** To notify Local Workforce Development Boards, One-Stop Career Center Operators and other local workforce development partners of a funding opportunity through the Advanced Technological Education (ATE), National Science Foundation (NSF) for science and technology and other research and development announced on Grants.gov June 14, 2017.

**Background:** With an emphasis on two-year colleges, the Advanced Technological Education (ATE) program focuses on the education of technicians for the high-technology fields that drive our nation's economy. The program involves partnerships between academic institutions and industry to promote improvement in the education of science and engineering technicians at the undergraduate and secondary school levels. The ATE program supports curriculum development; professional development of college faculty and secondary school teachers; career pathways; and other activities. The program invites research proposals that advance the knowledge base related to technician education. It is expected that projects be faculty driven and that courses and programs are credit bearing although materials developed may also be used for incumbent worker education. The ATE program encourages partnerships with other entities that may impact technician education. For example, with the National Institute of Standards and Technology (NIST) Manufacturing Extension Partnerships (MEPs) as applicable to support technician education programs and the industries they serve;

- Manufacturing USA Institutes and Investing in Manufacturing Communities of Practice (IMCPs) addressing workforce development issues (also see NSF DCL 16-007); and
- NSF Industry & University Cooperative Research Program (I/UCRC) awardees.

The ATE program encourages proposals from Minority Serving Institutions and other institutions that support the recruitment, retention, and completion of students underrepresented in STEM in technician education programs that award associate degrees. NSF is particularly interested in proposals from all types of Minority Serving Institutions (including Hispanic Serving Institutions, Historically Black Colleges and Universities, Tribal Colleges and Universities, and Alaska Native and Native Hawaiian Serving Institutions) where the proportion of underrepresented students interested in advanced technology careers is growing.

<b>Funding Opportunity Number:</b>	<a href="#"><u>NSF 17-568</u></a>
<b>Application Deadline:</b>	October 5, 2017
<b>Expected Number of Awards:</b>	45 - 75
<b>Estimated Total Program Funds:</b>	\$59,000,000
<b>Award Ceiling:</b>	\$5,000,000
<b>Eligible Applicants:</b>	Unrestricted

#### **Action**

**Requested:** Please share with managers, staff and partners as appropriate.